

# Ab1-cdh2

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|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Antibody Name:                                                                                  | <a href="#">Ab1-cdh2</a> from the <a href="#">ZFIN antibody database</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Other names, clone ids, catalog ids etc.                                                        | anti-Cadherin-2 , N-Cad , N-Cadherin , cdh2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Antibody Registry ID.                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Does it work on zebrafish?                                                                      | yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Host organism                                                                                   | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Immunogen organism                                                                              | Zebrafish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Antibody isotype                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Antibody type                                                                                   | polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Anatomical structures recognized (use terms from the <a href="#">ZFIN Anatomical Ontology</a> ) | atrioventricular canal cell junction; cardiac muscle cell plasma membrane; cardiac ventricle cardiac muscle cell; ciliary marginal zone; cranial nerve II; hindbrain; immature eye; lens; lens epithelium; neural keel membrane; neural rod apical plasma membrane; neural tube apical plasma membrane; optic chiasm; optic nerve head; optic tectum dorso-lateral region; outer limiting membrane; pectoral fin; pectoral fin bud; pectoral fin bud cartilage element; pectoral fin bud myoblast; pectoral fin musculature; presumptive cardiac ventricle heart tube cardiac muscle cell; retina; retinal inner plexiform layer; retinal outer plexiform layer; solid lens vesicle; whole organism |
| Recognized target molecules (gene names, domains, epitopes ...)                                 | <a href="#">cdh2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Suppliers                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## Assays Tested

| Assay                | Prep | Worked | Notes                              |
|----------------------|------|--------|------------------------------------|
| immunohistochemistry |      | yes    | from <a href="#">ZFIN curation</a> |
| western blot         |      | yes    | from <a href="#">ZFIN curation</a> |

## Notes

- Imported from ZFIN Antibody page [Ab1-cdh2](#)
- raised against a 324-bp fragment coding for the N-terminal domain of the processed Cdh2 protein, containing the complete sequence of the first cadherin-repeat domain (EC1). (Liu, Q., Babb, S.G., Novince, Z.M., Doedens, A.L., Marrs, J., and Raymond, P.A.)
- [Citations for Ab1-cdh2 at ZFIN](#)