

AB1-nphs1

Antibody Name:	AB1-nphs1 from the ZFIN antibody database .
Other names, clone ids, catalog ids etc.	AB1-nphs1l , anti-Nephrin , nphs1
Does it work on zebrafish?	yes
Host organism	Rabbit
Immunogen organism	Zebrafish
Antibody isotype	
Antibody type	polyclonal
Anatomical structures recognized (use terms from the ZFIN Anatomical Ontology)	podocyte basal plasma membrane ; pronephric glomerular basement membrane ; pronephric glomerulus ; pronephric podocyte ; pronephric podocyte cell projection part ; pronephric podocyte plasma membrane
Recognized target molecules (gene names, domains, epitopes ...)	nphs1
Suppliers	Arindam Majumdar Lab

Assays Tested

Assay	Prep	Worked	Notes
immunohistochemistry		yes	from ZFIN curation

Notes

- Imported from ZFIN Antibody page [AB1-nphs1](#)
- A rabbit polyclonal antibody against zebrafish Nephrin was designed and produced at Innovagen (Lund, Sweden). A synthetic peptide of the carboxy terminal amino acids 163–176 [(NH₂-) CRDTDLPFELRGELV (-CONH₂)] was synthesized and coupled to KLH carrier via the cysteine residue (underlined). Antibodies were produced following Innovagen's standard protocol. The antiserum was affinity-purified with the synthetic peptide using the SulfoLink Kit (Pierce). (Ebarasi, L., He, L., Hultenby, K., Takemoto, M., Betsholtz, C., Tryggvason, K., and Majumdar, A.)
- [Citations for AB1-nphs1 at ZFIN](#)