

# Ab1-oprd1b

Antibody Name:	Ab1-oprd1b from the ZFIN antibody database.
Other names, clone ids, catalog ids etc.	oprd1b
Antibody Registry ID.	
Does it work on zebrafish?	yes
Host organism	Rabbit
Immunogen organism	Zebrafish
Antibody isotype	
Antibody type	
Anatomical structures recognized (use terms from the ZFIN Anatomical Ontology)	brain; central nervous system; cerebellum; dorsal telencephalon; hypothalamus; inferior lobe; medulla oblongata; optic tectum; telencephalon
Recognized target molecules (gene names, domains, epitopes ...)	<i>oprd1b</i>
Suppliers	

## Assays Tested

Assay	Prep	Worked	Notes
immunohistochemistry		yes	from ZFIN curation

## Notes

- Imported from ZFIN Antibody page [Ab1-oprd1b](#)
- The 3 DNA fragments corresponding to the nucleotides 1030–1122 of DOR2 (NM\_21275), from zebrafish was amplified from cDNA by polymerase chain reaction (PCR) using primers flanked by EcoRI and XhoI sequences and cloned in the pGEX-6P-1 vector. These plasmids were expressed in bacteria in the presence of IPTG (0.1 mM) to generate recombinant proteins consisting of GST fused to the last 30 (I344-T373) amino acids of oprd1b. (Arévalo, J.C., Hernández-Jiménez, E., Jiménez-González, A., Torres-Valle, M., Iwasaki, R.S., López-Bellido, R., Vicente-García, C., Rodríguez, R.E.)
- [Citations for Ab1-oprd1b at ZFIN](#)