

Ab7-rho

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Antibody Name:	Ab7-rho from the ZFIN antibody database.
Other names, clone ids, catalog ids etc.	anti-opsin , O4886 , O-4886 , RET-P1 , rho
Does it work on zebrafish?	yes
Host organism	Mouse
Immunogen organism	Rat
Antibody isotype	IgG1
Antibody type	monoclonal
Anatomical structures recognized (use terms from the ZFIN Anatomical Ontology)	epiphysis photoreceptor cell; photoreceptor outer segment layer; pinealocyte
Recognized target molecules (gene names, domains, epitopes ...)	
Suppliers	Sigma-Aldrich Thermo Scientific Pierce Protein Research Products

Assays Tested

Assay	Prep	Worked	Notes
immunohistochemistry		yes	from ZFIN curation
mna in situ hybridization		yes	from ZFIN curation

Notes

- Imported from ZFIN Antibody page [Ab7-rho](#)
- Monoclonal Anti-Opsin (rhodopsin) (mouse IgG1 isotype) is derived from the RET-P1 hybridoma produced by the fusion of mouse myeloma cells and splenocytes from BALB/c mice immunized with rat retinal membranes. Monoclonal Anti-Opsin recognizes an epitope located in amino acid residues 4-10 at the N-terminus of the rhodopsin molecule. (ZFIN Staff)
- [Citations for Ab7-rho at ZFIN](#)