

# Ab7-rho

Antibody Name:	<a href="#">Ab7-rho</a> from the <a href="#">ZFIN antibody database</a> .
Other names, clone ids, catalog ids etc.	anti-opsin , O4886 , O-4886 , RET-P1 , rho
Antibody Registry ID.	
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 <a href="#">ZFIN Anatomical Ontology</a> )	<a href="#">epiphysis photoreceptor cell</a> ; <a href="#">photoreceptor outer segment layer</a> ; <a href="#">pinealocyte</a>
Recognized target molecules (gene names, domains, epitopes ...)	
Suppliers	<a href="#">Sigma-Aldrich</a> <a href="#">Thermo Scientific</a> <a href="#">Pierce Protein Research Products</a>

## Assays Tested

Assay	Prep	Worked	Notes
immunohistochemistry		yes	from <a href="#">ZFIN curation</a>
mrna in situ hybridization		yes	from <a href="#">ZFIN curation</a>

## 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](#)