

(DANRE) opn1mw2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21236c

Product Information

Application	WB, E
Primary Accession	Q8AYM8
Reactivity	Zebrafish
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB52317
Calculated MW	38706

Additional Information

Gene ID	360151
Other Names	Green-sensitive opsin-2, Green cone photoreceptor pigment 2, Opsin RH2-2, Opsin-1, medium-wave-sensitive 2, opn1mw2, rh22
Target/Specificity	This DANRE opn1mw2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 140-171 amino acids from the Central region of DANRE opn1mw2.
Dilution	WB~~1:4000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	(DANRE) opn1mw2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	opn1mw2
Synonyms	rh22
Function	Visual pigments are the light-absorbing molecules that mediate vision. They consist of an apoprotein, opsin, covalently linked to cis-retinal.

Cellular Location

Membrane; Multi-pass membrane protein.

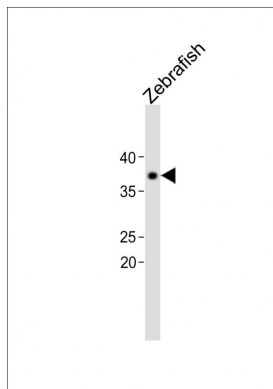
Background

Visual pigments are the light-absorbing molecules that mediate vision. They consist of an opsin, covalently linked to cis-retinal.

References

Chinen A., et al. Genetics 163:663-675(2003).

Images



All lanes: Anti-(DANRE) opn1mw2 Antibody (Center) at 1:1000 dilution + Zebrafish whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 38.7 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.