

(DANRE) opn4l Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21639c

Specification

(DANRE) opn4l Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q1JPS6
Reactivity	Zebrafish
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	54490
Antigen Region	255-288

(DANRE) opn4l Antibody (Center) - Additional Information

Gene ID 352918

Other Names

Melanopsin-like, Melanopsin, Opsin-4-like, opn4l, opn4c, opn4m2

Target/Specificity

This DANRE opn4l antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 255-288 amino acids from the Central region of DANRE opn4l.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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) opn4l Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

(DANRE) opn4l Antibody (Center) - Protein Information

Name opn4l

Synonyms opn4c, opn4m2

Function Photoreceptor implicated in non-image-forming responses to light.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q9QXZ9}; Multi-pass membrane protein

Tissue Location

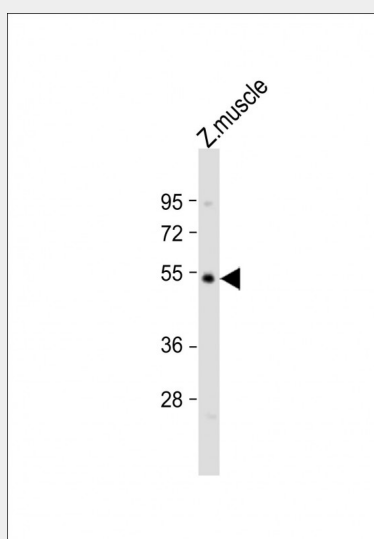
Expressed in a subset of retinal horizontal cells.

(DANRE) opn4l Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

(DANRE) opn4l Antibody (Center) - Images



Anti-opn4l Antibody (Center) at 1:2000 dilution + zebrafish muscle lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

(DANRE) opn4l Antibody (Center) - Background

Photoreceptor implicated in non-image-forming responses to light.

(DANRE) opn4l Antibody (Center) - References

Bellingham J., et al. Brain Res. Mol. Brain Res. 107:128-136(2002).