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(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

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

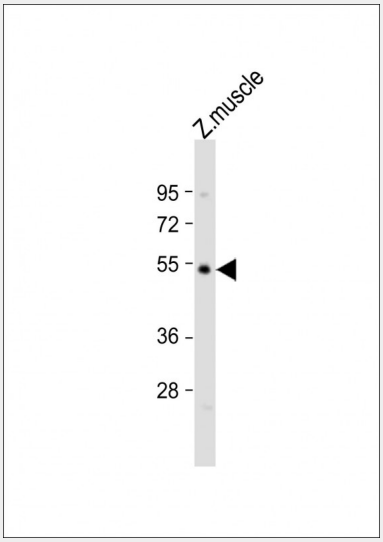
Tissue Location
Expressed in a subset of retinal horizontal cells.

(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 Cytomety
- 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).