

Rabbit anti-Zebrafish opn4l Polyclonal Antibody | anti-opn4l antibody

(DANRE) opn4l Antibody (Center)

CATALOG # AAA290582	HOST Rabbit	REACTIVITY Zebrafish	APPLICATIONS ELISA, Western Blot
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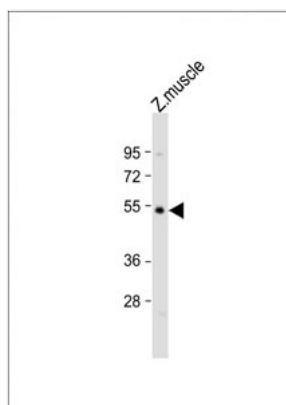
PRODUCT SYNONYMS

opn4l; Polyclonal Antibody; (DANRE) opn4l Antibody (Center); Purified Rabbit Polyclonal Antibody (Pab); Melanopsin-like; Melanopsin; Opsin-4-like; opn4c; opn4m2; anti-opn4l antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Zebrafish
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Form/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.
Sequence Length	500
Applicable Applications for anti-opn4l antibody	ELISA, WB (Western Blot)
Cellular Location	Membrane; Multi-pass membrane protein
Tissue Location	Expressed in a subset of retinal horizontal cells.
Preparation and 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.

IMAGES



WB (Western Blot)

Anti-opn4l Antibody (Center) at 1:2000 dilution + zebrafish muscle lysate. Lysates/proteins at 20 ug 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.

ADDITIONAL INFORMATION

Related Product Information for anti-opn4l antibody	Photoreceptor implicated in non-image-forming responses to light.
Product Categories/Family for anti-opn4l antibody	Zebrafish
References	Bellingham J.,et al.Brain Res. Mol. Brain Res. 107:128-136(2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	820867082
NCBI GeneID	352918
NCBI Accession #	NP_840074.2
NCBI GenBank Nucleotide #	NM_178289.3
UniProt Accession #	Q1JPS6 ; Q8AV31
Molecular Weight	54490
NCBI Official Full Name	melanopsin-like
NCBI Official Synonym Full Names	opsin 4.1
NCBI Official Symbol	opn4.1
NCBI Official Synonym Symbols	opn4; opn4l; opn4m2
NCBI Protein Information	melanopsin-like
UniProt Protein Name	Melanopsin-like
UniProt Gene Name	opn4l
UniProt Synonym Gene Names	opn4c; opn4m2
UniProt Entry Name	OPN4L_DANRE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/opn4l-antibody-western-blot-elisa/290582>