OPN1SW2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OPN1SW2, Polyclonal Antibody
Full Product Name	Zebrafish OPN1SW2 (C-Term) Rabbit pAb
Product Gene Name	anti-OPN1SW2 antibody
Product Synonym Names	Opsin-1; short-wave-sensitive 2; Blue cone photoreceptor pigment; Blue-sensitive opsin; Opsin SWS-2; opn1sw2; bluops; opn1sw1; sws2
Clonality	Polyclonal
Isotype	Ig
Host	Rabbit
Species Reactivity	Zebrafish
Form/Format	In PBS supplemented with 0.09% (W/V) Sodium Azide.
Purity/Purification	Affinity Purified
3D Structure	ModBase 3D Structure for Q9W6A8
Immunogen	This DANRE opn1sw2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 242-276 amino acids from the human region of DANRE opn1sw2.
Cellular Localization	Membrane
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-OPN1SW2 antibody	Western Blot (WB)
Application Notes for anti-OPN1SW2 antibody	WB: 1:2000
Related Product Information for anti-OPN1SW2 antibody	MBS8558488 is an antibody targeting OPN1SW2. Also known as Zebrafish OPN1SW2 (C-Term) Rabbit pAb. Reactive in Zebrafish. Host: Rabbit.
Other Notes	Small volumes of anti-OPN1SW2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OPN1SW2. It may not necessarily be applicable to this product.

NCBI GI #	18858357
NCBI Accession #	NP_571267.1
UniProt Primary Accession #	Q9W6A8
GenBank Nucleotide #	NP_571267.1
NCBI Official Full Name	opsin-1, short-wave-sensitive 2
UniProt Protein Name	Opsin-1, short-wave-sensitive 2
UniProt Synonym Protein Names	Blue cone photoreceptor pigment; Blue-sensitive opsin; Opsin SWS-2

Protein Family	Opsin
UniProt Gene Name	opn1sw2
UniProt Synonym Gene Names	bluops; opn1sw1; sws2
UniProt Entry Name	OP1S2_DANRE
UniProt Comments for OPN1SW2	Visual pigments are the light-absorbing molecules that mediate vision. They consist of an apoprotein, opsin, covalently linked to cis-retinal.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-zebrafish-antibody/opn1sw2/8558488