Datasheet for ABIN6263826

anti-OPN1SW antibody (N-Term)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	OPN1SW
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OPN1SW antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human OPSB, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	OPSB Antibody detects endogenous levels of total OPSB.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	OPN1SW

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Target Details

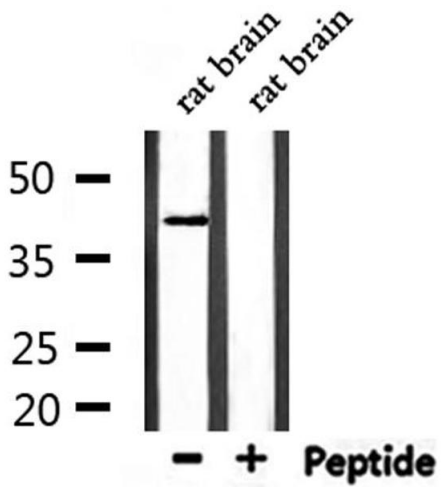
Alternative Name:	OPN1SW (OPN1SW Products)
Background:	Description: Visual pigments are the light-absorbing molecules that mediate vision. They consist of an apoprotein, opsin, covalently linked to cis-retinal. Gene: OPN1SW
Molecular Weight:	39 kDa
Gene ID:	611
UniProt:	P03999

Application Details

Application Notes:	WB 1:1000-3000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

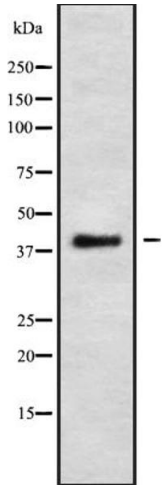
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from rat brain, using OPSB Antibody.



Western Blotting

Image 2. Western blot analysis OPSB using HUVEC whole cell lysates

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