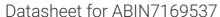
# antibodies - online.com







# anti-OPN1SW antibody (AA 307-348)

**Images** 



#### Overview

Quantity:	100 μg
Target:	OPN1SW
Binding Specificity:	AA 307-348
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OPN1SW antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

### **Product Details**

Immunogen:	Recombinant Human Short-wave-sensitive opsin 1 protein (307-348AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	OPN1SW
Alternative Name:	OPN1SW (OPN1SW Products)
Background:	Background: Visual pigments are the light-absorbing molecules that mediate vision. They consist of an apoprotein, opsin, covalently linked to cis-retinal.

#### **Target Details**

	Aliases: OPN1SW antibody, BCP antibody, Short-wave-sensitive opsin 1 antibody, Blue cone
	photoreceptor pigment antibody, Blue-sensitive opsin antibody, BOP antibody
UniProt:	P03999

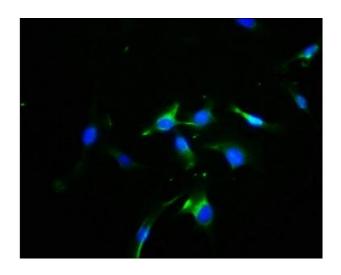
#### **Application Details**

Application Notes:	Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,
Restrictions:	For Research Use only

#### Handling

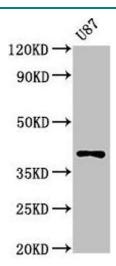
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

#### **Images**



#### **Immunofluorescence**

**Image 1.** Immunofluorescence staining of U251 cells with ABIN7169537 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



#### **Western Blotting**

**Image 2.** Western Blot Positive WB detected in: U87 whole cell lysate All lanes: OPN1SW antibody at  $3 \mu g/mL$  Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 40 kDa Observed band size: 40 kDa