antibodies - online.com







anti-OPN1MW antibody (AA 1-52)

Images



Overview

Quantity:	100 μg
Target:	OPN1MW
Binding Specificity:	AA 1-52
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OPN1MW antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Medium-wave-sensitive opsin 1 protein (1-52AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	OPN1MW
Alternative Name:	OPN1MW (OPN1MW Products)
Background:	Background: Visual pigments are the light-absorbing molecules that mediate vision. They consist of an apoprotein, opsin, covalently linked to cis-retinal.

Aliases: CBBM antibody, CBD antibody, COD5 antibody, Color blindness, deutan antibody, Cone dystrophy 5 (X linked) antibody, GCP antibody, GOP antibody, Green cone photoreceptor pigment antibody, Green cone pigment antibody, Green sensitive opsin antibody, Greensensitive opsin antibody, Medium wave sensitive antibody, Medium wave sensitive opsin 1 antibody, Medium-wave-sensitive opsin 1 antibody, MGC176615 antibody, MGC177321 antibody, MGC198468 antibody, MGC198469 antibody, OPN1MW antibody, OPN1MW1 antibody, OPN1MW2 antibody, OPSG_HUMAN antibody, Opsin 1 (cone pigments), medium wave sensitive (color blindness, deutan) antibody, Opsin 1 (cone pigments), medium wave sensitive 2 antibody, Opsin 1 (cone pigments), medium wave sensitive antibody

UniProt:

P04001

Pathways:

Phototransduction

Application Details

Application Notes:

Storage Comment:

Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,

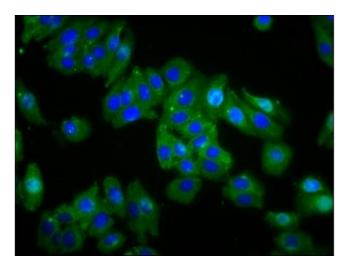
Restrictions:

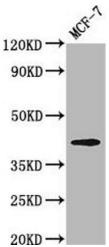
For Research Use only

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

Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7159174 at 1:66, 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: MCF-7 whole cell lysate All lanes: OPN1MW antibody at 3.2 μg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 41 kDa Observed band size: 41 kDa