

Rabbit anti-Human OPN1MW Polyclonal Antibody | anti-OPN1MW antibody

OPN1MW Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234971	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

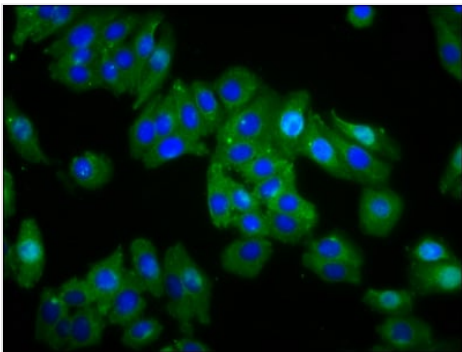
PRODUCT SYNONYMS

OPN1MW; Polyclonal Antibody; OPN1MW Antibody; Medium-wave-sensitive opsin 1; Green cone photoreceptor pigment; Green-sensitive opsin; GOP; GCP; anti-OPN1MW antibody

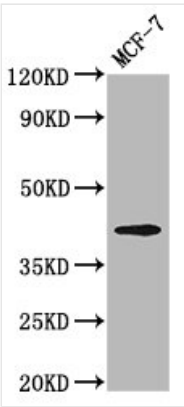
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	364
Applicable Applications for anti-OPN1MW antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Medium-wave-sensitive opsin 1 protein (1-52AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Immunogen Species	Homo sapiens (Human)
Research Area	Neuroscience
Target Names	OPN1MW
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of HepG2 cells with AAA234971 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 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)
Western Blot Positive WB detected in: MCF-7 whole cell lysate All lanes: OPN1MW antibody at 3.2ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 41 KDa Observed band size: 41 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-OPN1MW antibody	Visual pigments are the light-absorbing molecules that mediate vision. They consist of an apoprotein, opsin, covalently linked to cis-retinal.
Product Categories/Family for anti-OPN1MW antibody	Neuroscience; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503965
NCBI GeneID	2652
NCBI Accession #	NP_000504.1
NCBI GenBank Nucleotide #	NM_000513.2
UniProt Accession #	P04001
NCBI Official Full Name	medium-wave-sensitive opsin 1
NCBI Official Synonym Full Names	opsin 1, medium wave sensitive
NCBI Official Symbol	OPN1MW
NCBI Official Synonym Symbols	CBD; GCP; GOP; CBBM; COD5; OPN1MW1
NCBI Protein Information	medium-wave-sensitive opsin 1
UniProt Protein Name	Medium-wave-sensitive opsin 1
UniProt Gene Name	OPN1MW
UniProt Synonym Gene Names	GOP

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.