

Rabbit anti-Human, Mouse OPN5 Polyclonal Antibody | anti-OPN5 antibody

OPN5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325646	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

OPN5; Polyclonal Antibody; OPN5 Antibody; G protein-coupled receptor 136; G-protein coupled receptor 136; G-protein coupled receptor PGR12; Gpr136; HGNC:21318; Neuropsin; Opn5; OPN5_HUMAN; Opsin 5; Opsin-5; PGR12; TMEM13; Transmembrane protein 13; anti-OPN5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	OPN5 antibody detects endogenous levels of total OPN5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	354
Applicable Applications for anti-OPN5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane.
Tissue Specificity	Detected in brain and retina and cell lines derived from neural retina.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using OPN5 antibody.



IF (Immunofluorescence)

AAA325646 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-OPN5 antibody	Post-translational Modifications: It is uncertain whether Cys-315 or Cys-316 is palmitoylated. Similarity: Belongs to the G-protein coupled receptor 1 family. Opsin subfamily.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	38678524
NCBI GeneID	221391
NCBI Accession #	NP_859528.1
NCBI GenBank Nucleotide #	NM_181744.3
UniProt Accession #	Q6U736; Q5T5B9; Q5T886; Q7Z603; Q86SL5; A0AV33
Molecular Weight	Observed: 43 kD Predicted: 40 kDa
NCBI Official Full Name	opsin-5
NCBI Official Synonym Full Names	opsin 5
NCBI Official Symbol	OPN5
NCBI Official Synonym Symbols	PGR12; GPR136; GRP136; TMEM13
NCBI Protein Information	opsin-5
UniProt Protein Name	Opsin-5
UniProt Gene Name	OPN5
UniProt Synonym Gene Names	GPR136; PGR12; TMEM13

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/opn5-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325646>