

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

OPN5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284915	Rabbit	Human, mouse	Immunofluorescence, ELISA, Western Blot

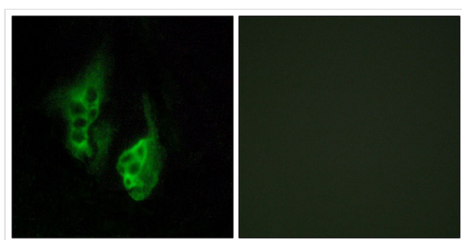
PRODUCT SYNONYMS

OPN5; Polyclonal Antibody; OPN5 Antibody; Opsin-5; G-protein coupled receptor 136; G-protein coupled receptor PGR12; Neuropsin; Transmembrane protein 13; GPR136; PGR12; TMEM13; anti-OPN5 antibody

PRODUCT SPECIFICATIONS

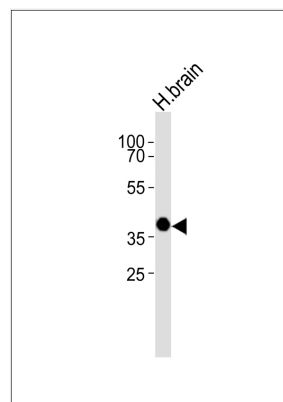
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	270-299
Sequence Length	354
Applicable Applications for anti-OPN5 antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using OPN5 antibody.



WB (Western Blot)

Western blot analysis of lysate from human brain tissue lysate, using OPN5 Antibody (AAA284915). AAA284915 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Product Categories/Family for anti-OPN5 antibody	Neuroscience; Signal Transduction
References	Tarttelin E.E.,et al.FEBS Lett. 554:410-416(2003). Fredriksson R.,et al.FEBS Lett. 554:381-388(2003). Vassilatis D.K.,et al.Proc. Natl. Acad. Sci. U.S.A. 100:4903-4908(2003). Mungall A.J.,et al.Nature 425:805-811(2003).

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	39727
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
UniProt Entry Name	OPN5_HUMAN

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.