

Rabbit OPN5 Polyclonal Antibody | anti-OPN5 antibody

Rabbit Polyclonal to Human OPN5

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51263	Rabbit	Bat, Gibbon, Bovine, Dog, Horse, Human, Monkey, Mouse, Rabbit Predicted Reactivity: Gorilla, Rat (at least 90% immunogen sequence identity)	Immunohistochemistry

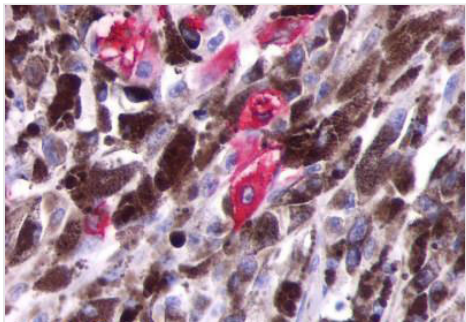
PRODUCT SYNONYMS

OPN5; Polyclonal Antibody; Rabbit Polyclonal to Human OPN5; Anti-OPN5 Antibody (Transmembrane Domain) IHC-plus; G-protein coupled receptor 136; Neuropsin; Opsin 5; Opsin-5; PGR12; TMEM13; Transmembrane protein 13; DJ402H5.1; GPR136; Human OPN5; anti-OPN5 antibody

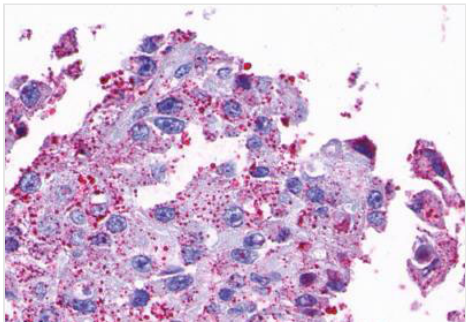
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Dog, Horse, Human, Monkey, Mouse, Rabbit Predicted Reactivity: Gorilla, Rat (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human OPN5. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	354
Applicable Applications for anti-OPN5 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from 7th transmembrane domain of human OPN5. Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey, Marmoset, Mouse, Dog, Bat, Bovine, Elephant, Panda, Horse, Rabbit (100%); Gorilla, Rat (94%).
Immunogen Type	Synthetic peptide
Immunogen	OPN5 antibody was raised against synthetic 17 amino acid peptide from 7th transmembrane domain of human OPN5. Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey, Marmoset, Mouse, Dog, Bat, Bovine, Elephant, Panda, Horse, Rabbit (100%); Gorilla, Rat (94%); Platypus (88%); Opossum, Turkey, Sparrow, Chicken (82%).
Antigen Modification	Transmembrane Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

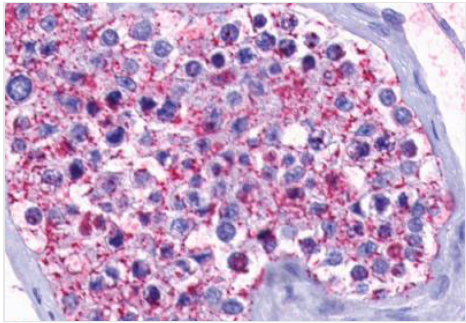
IMAGES



IHC (Immunohistochemistry)
Anti-OPN5 antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-OPN5 antibody IHC of human Ovary, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-OPN5 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-OPN5 antibody	GPR136 is an Orphan-A GPCR with an unknown ligand.
Product Categories/Family for anti-OPN5 antibody	Family: GPCR; Subfamily: Orphan-A

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	39,727 Da
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; neuropsin; transmembrane protein 13; G-protein coupled receptor 136
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/opn5-antibody-immunohistochemistry-elisa/51263>