

Rabbit NPY1R Polyclonal Antibody | anti-NPY1R antibody

Rabbit Polyclonal to Human NPY1R

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52215	Rabbit	Bat, Gibbon, Dog, Guinea pig, Gorilla, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Hamster, Sheep (at least 90% immunogen sequence identity)	Immunohistochemistry

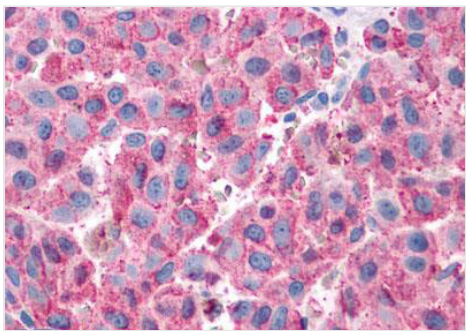
PRODUCT SYNONYMS

NPY1R; Polyclonal Antibody; Rabbit Polyclonal to Human NPY1R; Anti-NPY1R Antibody (Cytoplasmic Domain) IHC-plus; NPYY1; NPY-Y1 receptor; Neuropeptide Y receptor type 1; PY receptor Y1; Neuropeptide Y receptor Y1; Neuropeptide Y-Y1 receptor; Neuropeptide Y1 receptor; NPY1-R; NPYR; Human NPY1R; anti-NPY1R antibody

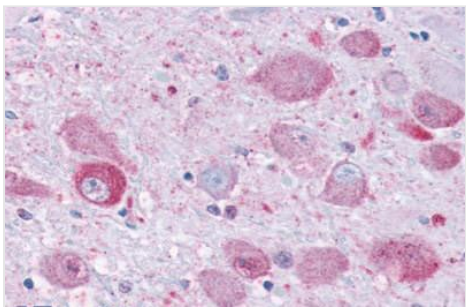
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Dog, Guinea pig, Gorilla, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Hamster, Sheep (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human NPY1R. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except NPY6R (61%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	384
Applicable Applications for anti-NPY1R antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from 3rd cytoplasmic domain of human NPY1R. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Bat, Dog, Panda, Rabbit, Horse, Pig, Guinea pig (100%).
Immunogen Type	Synthetic peptide
Immunogen	NPY1R antibody was raised against synthetic 18 amino acid peptide from 3rd cytoplasmic domain of human NPY1R. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Bat, Dog, Panda, Rabbit, Horse, Pig, Guinea pig (100%); Sheep, Hamster, Elephant (94%); Bovine, Lizard (89%); Xenopus (83%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

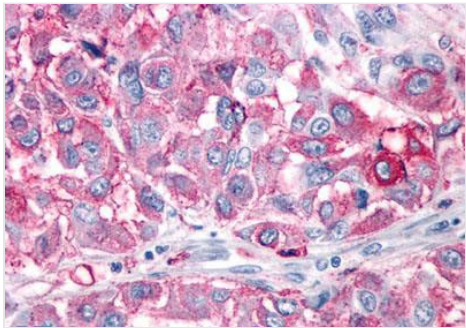
IMAGES



IHC (Immunohistochemistry)
Anti-NPY1R antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-NPY1R antibody IHC of human brain. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-NPY1R antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-NPY1R antibody	NPY1R belongs to the Neuropeptide Receptor GPCR family. Neuropeptide Y exhibits a diverse range of important physiologic activities, including effects on psychomotor activity, food intake, regulation of central endocrine secretion, and potent vasoactive effects on the cardiovascular system. NPY1R is the receptor for subtype 1 of neuropeptide Y. It has been implicated in central physiologic and pharmacologic NPY-induced analgesia.
Product Categories/Family for anti-NPY1R antibody	Family: GPCR; Subfamily: Neuropeptide

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505445
NCBI GeneID	4886
NCBI Accession #	NP_000900.1
NCBI GenBank Nucleotide #	NM_000909.5
UniProt Accession #	P25929; B2R6H5
Molecular Weight	44,392 Da
NCBI Official Full Name	neuropeptide Y receptor type 1
NCBI Official Synonym Full Names	neuropeptide Y receptor Y1
NCBI Official Symbol	NPY1R
NCBI Official Synonym Symbols	NPYR; NPY1-R
NCBI Protein Information	neuropeptide Y receptor type 1

UniProt Protein Name	Neuropeptide Y receptor type 1
UniProt Gene Name	NPY1R
UniProt Synonym Gene Names	NPYR; NPY1; NPY1-R
UniProt Entry Name	NPY1R_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/np1r-antibody-immunohistochemistry-elisa/52215>