

Rabbit GPR1 Polyclonal Antibody | anti-GPR1 antibody

Rabbit Polyclonal to Human GPR1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52195	Rabbit	Gibbon, Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

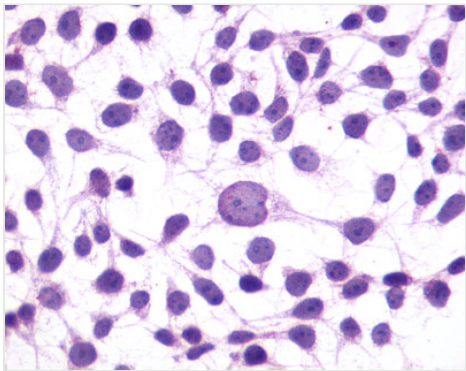
PRODUCT SYNONYMS

GPR1; Polyclonal Antibody; Rabbit Polyclonal to Human GPR1; Anti-GPR1 Antibody (N-Terminus) IHC-plus; G-protein coupled receptor 1; G protein-coupled receptor 1; Gpr-1; Human GPR1; anti-GPR1 antibody

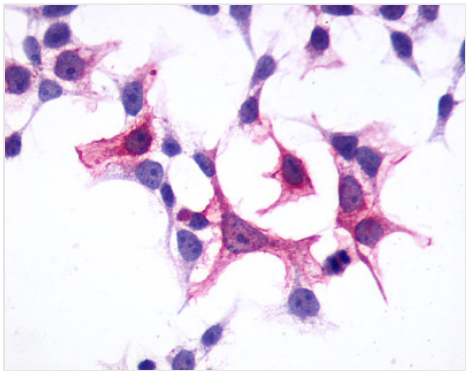
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPR1. 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	355
Applicable Applications for anti-GPR1 antibody	IHC (Immunohistochemistry)
Usage Not Recommended	Immunocytochemistry (ICC)
Target Species	Human
Immunogen Description	Synthetic 19 amino acid peptide from N-terminal extracellular domain of human GPR1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%); Monkey, Marmoset (95%); Hamster, Dog (84%).
Immunogen Type	Synthetic peptide
Immunogen	GPR1 antibody was raised against synthetic 19 amino acid peptide from N-terminal extracellular domain of human GPR1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%); Monkey, Marmoset (95%); Hamster, Dog (84%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

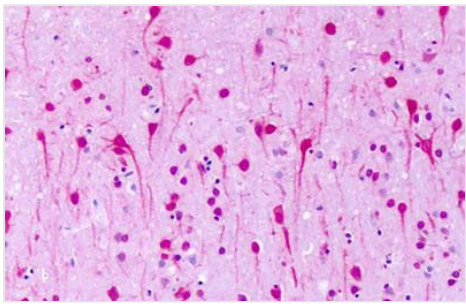
IMAGES



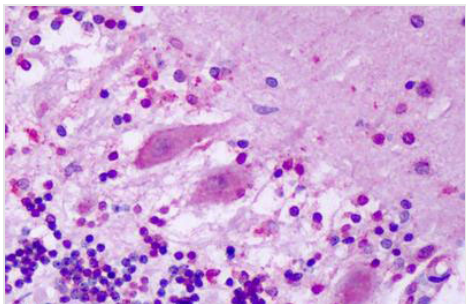
Transfection Control



Transfection Control



IHC (Immunohistochemistry)
Anti-GPR1 antibody IHC of human brain, neurons. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 32 ug/ml.



IHC (Immunohistochemistry)
Anti-GPR1 antibody IHC of human brain, cerebellum, Purkinje neurons. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 32 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR1 antibody	GPR1 is an Orphan-A GPCR with an unknown ligand. GPR1 was identified in a search for genes responsible for mediating brain reward and may have a role in drug addiction. It has also been shown to act as an HIV coreceptor in kidney mesangial cells (Tokizawa et al., 2000).
Product Categories/Family for anti-GPR1 antibody	Family: GPCR; Subfamily: Orphan-A

NCBI AND UNIPROT INFORMATION

NCBI GI #	36951012
NCBI GeneID	2825
NCBI Accession #	NP_005270.2
NCBI GenBank Nucleotide #	NM_005279.3
UniProt Accession #	P46091; Q53TR9; Q6NVX4; A5JUU6; A8K4L1
Molecular Weight	41,431 Da
NCBI Official Full Name	G-protein coupled receptor 1
NCBI Official Synonym Full Names	G protein-coupled receptor 1
NCBI Official Symbol	GPR1
NCBI Protein Information	G-protein coupled receptor 1; probable G-protein coupled receptor 1
UniProt Protein Name	G-protein coupled receptor 1

UniProt Gene Name	GPR1
UniProt Entry Name	GPR1_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/gpr1-antibody-immunohistochemistry-elisa/52195>