

Rabbit GABABR1 / GABBR1 Polyclonal Antibody | anti-GABABR1 antibody

Rabbit Polyclonal to Human GABABR1 / GABBR1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51648	Rabbit	Bat, Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rat Predicted Reactivity: Rabbit (at least 90% immunogen sequence identity)	Immunohistochemistry

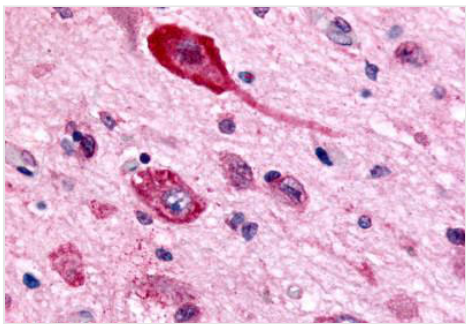
PRODUCT SYNONYMS

GABABR1 / GABBR1; Polyclonal Antibody; Rabbit Polyclonal to Human GABABR1 / GABBR1; Anti-GABABR1 / GABBR1 Antibody (N-Terminus) IHC-plus; GABBR1; DJ271M21.1.1; DJ271M21.1.2; GABA(B) receptor; Gaba-br1a; GABA-BR1; Gaba-br1a receptor; GABAB; subunit 1c; GABAB1; GABA-B receptor 1; Gaba-b1; Gababr1 receptor; GPRC3A; Gabab-receptor subunit 1a; GABABR1; GABBR1-3; GBR1; HGB1a; GABA-B-R1; GB1; Human GABABR1; anti-GABABR1 antibody

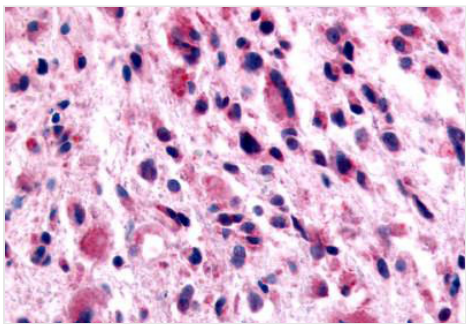
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rat Predicted Reactivity: Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GABBR1. 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	961
Applicable Applications for anti-GABABR1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from N-terminal extracellular domain of human GABBR1. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bovine, Dog, Bat.
Immunogen Type	Synthetic peptide
Immunogen	GABABR1 / GABBR1 antibody was raised against synthetic 15 amino acid peptide from N-terminal extracellular domain of human GABBR1. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bovine, Dog, Bat, Horse, Pig (100%); Rabbit, Platypus (93%); Lizard, Xenopus, Stickleback, Zebrafish (87%); Opossum (80%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-GABBR1 antibody IHC of human brain, neurons and glia. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GABABR1 / GABBR1 antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GABABR1 antibody	GABA(B) receptor 1, a GABA(B) Receptor, forms a heterodimer with GABA(B) receptor 2 to mediate the effects of the inhibitory neurotransmitter gamma-aminobutyric acid (GABA) in the central nervous system. Activation of this receptor leads to fast synaptic inhibition. Reduced GABA(B) receptor 1a-b expression is implicated in the pathophysiology of temporal-lobe epilepsy.
Product Categories/Family for anti-GABABR1 antibody	Family: GPCR; Subfamily: GABA (B)

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835015
NCBI GeneID	2550
NCBI Accession #	NP_001461.1
NCBI GenBank Nucleotide #	NM_001470.2
UniProt Accession #	Q9UBS5; O95375; O95468; O95975; O96022; Q5STL4; Q5SUJ8; Q5SUL3; Q71SG6; Q86W60; Q9UQQ0; BOUXY7
Molecular Weight	65,082 Da
NCBI Official Full Name	gamma-aminobutyric acid type B receptor subunit 1 isoform a
NCBI Official Synonym Full Names	gamma-aminobutyric acid (GABA) B receptor, 1
NCBI Official Symbol	GABBR1
NCBI Official Synonym Symbols	GB1; GPRC3A; GABABR1; GABBR1-3; dJ271M21.1.1; dJ271M21.1.2
NCBI Protein Information	gamma-aminobutyric acid type B receptor subunit 1; GABA-BR1; GABAB, subunit 1c; seven transmembrane helix receptor
UniProt Protein Name	Gamma-aminobutyric acid type B receptor subunit 1
UniProt Gene Name	GABBR1
UniProt Synonym Gene Names	GPRC3A; GABA-B receptor 1; GABA-B-R1; GABA-BR1; GABABR1; Gb1
UniProt Entry Name	GABR1_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.

