

Rabbit GRPR Polyclonal Antibody | anti-GRPR antibody

Rabbit Polyclonal to Human GRPR

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51678	Rabbit	Bat, Gibbon, Dog, Gorilla, Horse, Human, Monkey, Pig, Rabbit Predicted Reactivity: Bovine (at least 90% immunogen sequence identity)	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

GRPR; Polyclonal Antibody; Rabbit Polyclonal to Human GRPR; Anti-GRPR Antibody (Extracellular Domain) IHC-plus; GRP-R; Bombesin BB2 receptor; GRP receptor; Grp/bombesin receptor; Human GRPR; anti-GRPR antibody

PRODUCT SPECIFICATIONS

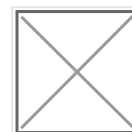
Host	Rabbit
Reactivity	Bat, Gibbon, Dog, Gorilla, Horse, Human, Monkey, Pig, Rabbit Predicted Reactivity: Bovine (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GRPR. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	384
Applicable Applications for anti-GRPR antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from 2nd extracellular domain of human GRPR. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Elephant, Panda, Dog, Bat, Horse, Rabbit, Pig (100%); Bovine (94%).
Immunogen Type	Synthetic peptide
Immunogen	GRPR antibody was raised against synthetic 18 amino acid peptide from 2nd extracellular domain of human GRPR. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Elephant, Panda, Dog, Bat, Horse, Rabbit, Pig (100%); Bovine (94%); Mouse, Rat, Hamster (83%).
Antigen Modification	Extracellular Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)

Anti-GRPR antibody IHC of human pancreas, islet of Langerhans. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)

Anti-GRPR antibody IHC of human Lung, Non-Small Cell Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)

Anti-GRPR 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-GRPR antibody	Gastrin-releasing peptide receptor (GRPR) is a Bombesin Receptor. In addition to its involvement in autism and mental retardation, GRPR may also play a role in the progression of cancer. Nicotine exposure induces an increase in GRPR expression in the lung Shriver et al. (2000).
Product Categories/Family for anti-GRPR antibody	Family: GPCR; Subfamily: Bombesin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885361
NCBI GeneID	2925
NCBI Accession #	NP_005305.1
NCBI GenBank Nucleotide #	NM_005314.2
UniProt Accession #	P30550; B2R910; AAB27329
Molecular Weight	43,199 Da
NCBI Official Full Name	gastrin-releasing peptide receptor
NCBI Official Synonym Full Names	gastrin-releasing peptide receptor
NCBI Official Symbol	GRPR
NCBI Official Synonym Symbols	BB2
NCBI Protein Information	gastrin-releasing peptide receptor; GRP-R; bombesin receptor 2; GRP-preferring bombesin receptor
UniProt Protein Name	Gastrin-releasing peptide receptor
UniProt Gene Name	GRPR
UniProt Synonym Gene Names	GRP-R
UniProt Entry Name	GRPR_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/grpr-antibody-western-blot-immunohistochemistry-elisa/51678>