

Rabbit GRPR Polyclonal Antibody | anti-GRPR antibody

GRPR Antibody

CATALOG # AAA168999	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

GRPR; Polyclonal Antibody; GRPR Antibody; anti-GRPR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	384
Applicable Applications for anti-GRPR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human GRPR
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus cancer tissue using GRPR antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GRPR antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GRPR antibody

Gastrin-releasing peptide (GRP) regulates numerous functions of the gastrointestinal and central nervous systems, including release of gastrointestinal hormones, smooth muscle cell contraction, and epithelial cell proliferation and is a potent mitogen for neoplastic tissues. The effects of GRP are mediated through the gastrin-releasing peptide receptor. This receptor is a glycosylated, 7-transmembrane G-protein coupled receptor that activates the phospholipase C signaling pathway. The receptor is aberrantly expressed in numerous cancers such as those of the lung, colon, and prostate. An individual with autism and multiple exostoses was found to have a balanced translocation between chromosome 8 and a chromosome X breakpoint located within the gastrin-releasing peptide receptor gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885361
NCBI GeneID	2925
NCBI Accession #	NP_005305.1
NCBI GenBank Nucleotide #	NM_005314.2
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; GRP-preferring bombesin receptor; bombesin receptor 2
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-immunohistochemistry-western-blot-elisa/168999>