Rabbit anti-Human GRPR Polyclonal Antibody | anti-GRPR antibody

GRPR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306696	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

GRPR; Polyclonal Antibody; GRPR Antibody; gastrin-releasing peptide receptor; anti-GRPR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total GRPR protein.
Form/Format	Supplied at 1.2mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	384
Applicable Applications for anti-GRPR antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 350-365 amino acids of Human gastrin-releasing peptide receptor
Target Name	GRPR
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

IHC (Immunohiostchemistry)
The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 31120(GRPR Antibody) at dilution 1/25, on the right is treated with the synthetic peptide.

Application Data
Gel: 10%SDS-PAGELane1: Mouse pancreas tissue lysateLane2: A549 cell lysateLysates: 40 ug per lanePrimary antibody: 1/600 dilutionSecondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilutionExposure time: 1 minute

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.

Product Categories/Family for anti-GRPR antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885361
NCBI GeneID	2925
NCBI Accession #	NP_005305
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
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/306696