

Rabbit GRPR Antibody | anti-GRPR antibody

GRPR Antibody

CATALOG # AAA267062	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

GRPR; GRPR Antibody; anti-GRPR antibody

PRODUCT SPECIFICATIONS

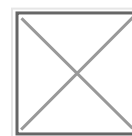
Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	384
Applicable Applications for anti-GRPR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human GRPR
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C or -80 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

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



Application Data



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.
Product Categories/Family for anti-GRPR antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

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
Molecular Weight	43kDa
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; BB2R
NCBI Protein Information	gastrin-releasing peptide receptor
UniProt Protein Name	Gastrin-releasing peptide receptor
UniProt Gene Name	GRPR
UniProt Synonym Gene Names	GRP-R

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rabbit-human-mouse-rat-antibody/grpr/267062>