

GRPR antibody

Catalog No: #38503

Package Size: #38503-1 50ul #38503-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

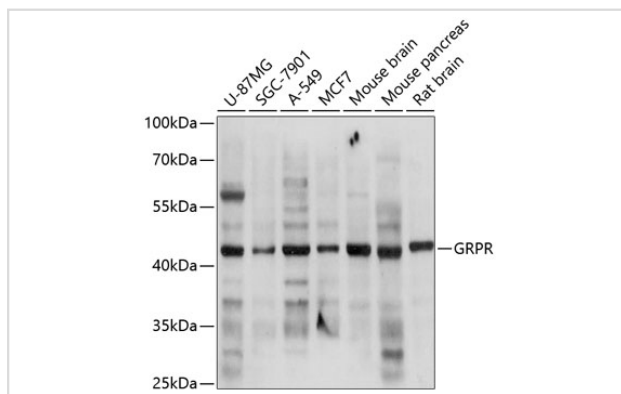
Description

Product Name	GRPR antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total GRPR protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human GRPR.
Target Name	GRPR
Accession No.	Swiss-Prot#: P30550NCBI Gene ID: 2925
Uniprot	P30550
GeneID	2925;
SDS-PAGE MW	43kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using GRPR at 1:3000 dilution.

Background

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.

Note: This product is for in vitro research use only