

Bombesin Receptor 2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14489
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of Bombesin Receptor 2
Mol wt	N/A
Species reactivity	Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF
Concentration	1 mg/ml

Full name

Synonyms

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

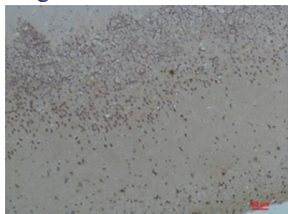
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

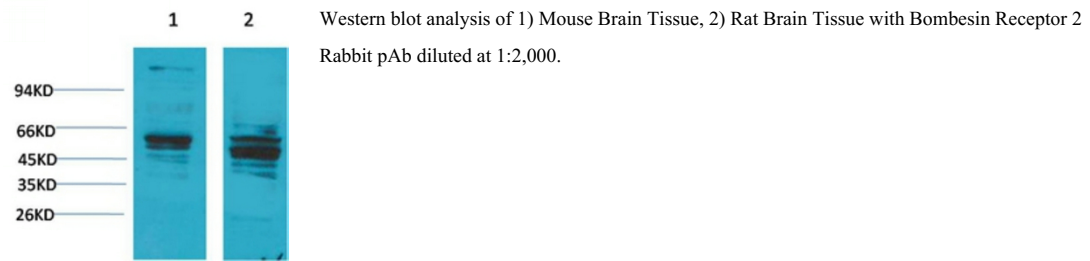
ELISA: 1: 40000

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Bombesin Receptor 2 Rabbit pAb diluted at 1:200.



Storage

-20°C for 1 year

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