



## Bombesin Receptor 2 Polyclonal Antibody

Cat #: ABP57295

Size: 30µl /100µl /200µl

### Product Information

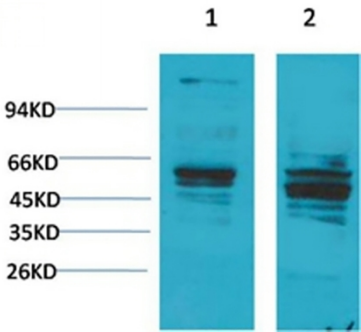
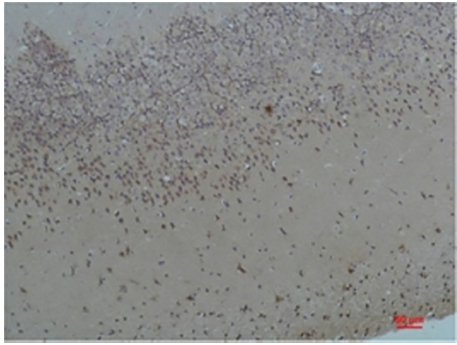
	<b>Product Name:</b> Bombesin Receptor 2 Polyclonal Antibody		
	<b>Applications:</b> WB		<b>Isotype:</b> Rabbit IgG
	<b>Reactivity:</b> Mouse, Rat		
<b>REF</b>	<b>Catalog Number:</b> ABP57295	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**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.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000).

**Storage Buffer:** PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

	<p>Fig.1. Western blot analysis of 1) Mouse Brain Tissue, 2) Rat Brain Tissue with Bombesin Receptor 2 Rabbit pAb diluted at 1:2000.</p>
	<p>Fig.2. Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Bombesin Receptor 2 Rabbit pAb diluted at 1:200.</p>

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.