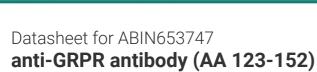
antibodies -online.com







Image



Go to Product page

Overview	
Quantity:	400 μL
Target:	GRPR
Binding Specificity:	AA 123-152
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRPR antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This GRPR antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 123-152 amino acids from the Central region of human GRPR.
Clone:	RB24634
Isotype:	IgG
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	GRPR
Alternative Name:	GRPR (GRPR Products)

Target Details

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.

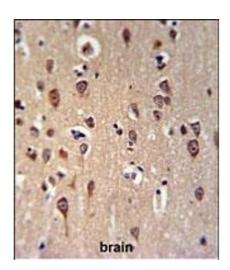
Molecular Weight:	43199
Gene ID:	2925
NCBI Accession:	NP_005305
UniProt:	P30550

Application Details

Application Notes:	IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. GRPR Antibody (Center) (ABIN653747 and ABIN2843048) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GRPR Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.