Datasheet for ABIN7117775

anti-ProGRP antibody

Go to Product page

Overview

Quantity:	100 µg
Target:	ProGRP
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ProGRP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	gastrin-releasing peptide
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ProGRP
Alternative Name:	ProGRP (ProGRP Products)
Background:	Synonyms:BN, gastrin releasing peptide, GRP, GRP 10, preproGRP, proGRP Background:Gastrin-releasing peptide, also known as GRP, is normally formed by mucosal cells in the gastric antrum and by the D cells of the pancreatic islets, and its main function is to stimulate secretion of HCl by the gastric mucosa. HCl, in turn, inhibits gastrin formation. Its 148-amino acid

Target Details

	preproprotein, following cleavage of a signal peptide, is further processed to produce either the 27-amino acid gastrin-releasing peptide or the 10-amino acid neuromedin C. These smaller peptides regulate numerous functions of the gastrointestinal and central nervous systems, including release of gastrointestinal hormones, smooth muscle cell contraction, and epithelial cell proliferation.These peptides are also likely to play a role in human cancers of the lung, colon, stomach, pancreas, breast, and prostate.
Molecular Weight:	16kd,32kd
Gene ID:	2922
UniProt:	P07492
Pathways:	Peptide Hormone Metabolism, Hormone Activity

Application Details

Application Notes:	WB: 1:500-1:2000, IHC: 1:20-1:200, IF: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months

