GRP antibody

Product Information

Catalog No.:	FNab06798
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months(Avoid repeated freeze / thaw cycles.)

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 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.

Immunogen information

Immunogen:	gastrin-releasing peptide
Synonyms:	Gastrin-releasing peptide (GRP)|Neuromedin-C Alternative names: GRP-10|GRP18-27|GRP
Observed MW:	16 kDa, 32 kDa
Uniprot ID :	P07492

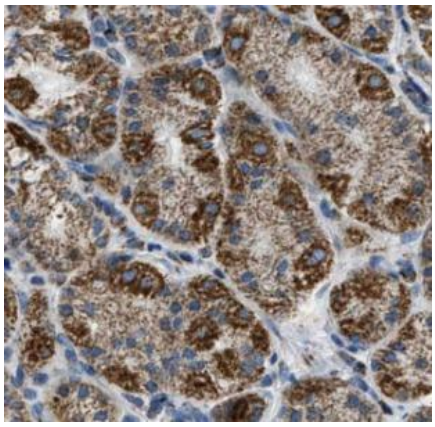
Application

Reactivity:	Human

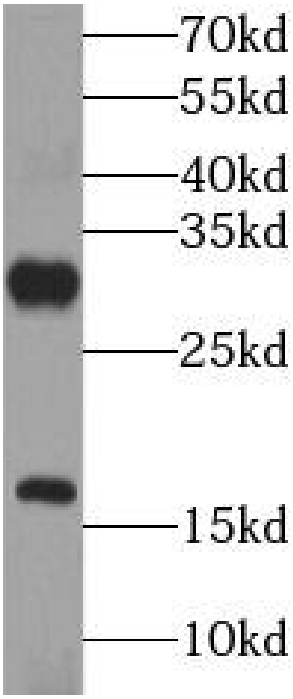
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human stomach tissue slide using FNab06798(proGRP Antibody) at dilution of 1:50



PC-3 cells were subjected to SDS PAGE followed by western blot with FNab06798(proGRP antibody) at dilution of 1:1000