

DNAxPAb

Hard-to-Find
Antibody

GRP DNAxPab

Catalog # H00002922-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GRP DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRGRELPLVLLALVLCAPRGRAVPLPAGGGTVLTKMYPRGNHWAVGHLMGKKSTGESSVSE RGLKQQLREYIRWEEAARNLLGLIEAKENRNHQPPQPKALGNQQPSWDSSEDSSNFKDVGSKG KVGRLSAPGSQREG RNPQLNQQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — GRP

Entrez GeneID [2922](#)**GeneBank Accession#** [BC004488](#)**Protein Accession#** [AAH04488](#)**Gene Name** GRP**Gene Alias** BN, GRP-10, preproGRP, proGRP**Gene Description** gastrin-releasing peptide**Omim ID** [137260](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a member of the bombesin-like family of gastrin-releasing peptides. Its prepro protein, following cleavage of a signal peptide, is further processed to produce either the 27 aa gastrin-releasing peptide or the 10 aa 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. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations bombesin|neuromedin C|pre-progastrin releasing peptide

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Panic Disorder](#)