

## GRP

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**16kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human GRP

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

BN; GRP-10; proGRP; preproGRP;

**Catalog #:**A6380

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**2922

**Isotype:**IgG

**Swiss Prot:**P07492

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a member of the bombesin-like family of gastrin-releasing peptides. Its preproprotein, 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.

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