

## Anti-GRP Polyclonal Antibody

## Product Details

|                   |                       |
|-------------------|-----------------------|
| Ig Type:          | IgG                   |
| Reactivity:       | Rat (predicted:Mouse) |
| Molecular Weight: | Theoretical: 3 kDa.   |
| Purification:     | Protein A purified    |

## Applications

|                    |   |
|--------------------|---|
| Verified Activity: | Tissue/cell: Rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;<br>Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;<br>Incubation: Anti-GRP10 Polyclonal Antibody, Unconjugated (TMAB-06795) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining |
| Application:       | IHC-P,IHC-Fr,IF   |
| Recommended        | IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500  |

## Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

## Antigen Details

|                  |   |
|------------------|---|
| Immunogen:       | KLH conjugated synthetic peptide: mouse Gastrin Releasing Peptide |
| Antigen Species: | Mouse   |
| Gene ID:         | 225642  |
| Uniprot ID:      | Q8R112  |

## Research Background

This gene encodes a member of the bombesin-like family of gastrin-releasing peptides. The encoded preproprotein is proteolytically processed to generate two peptides, gastrin-releasing peptide and neuromedin-C. These 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, at least one of which encodes a preproprotein that is proteolytically processed. [provided by RefSeq, Jan 2016].

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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