

# **Product datasheet for TA357608**

### OriGene Technologies, Inc.

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## **Gastrin Releasing Peptide (GRP) Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

**Specificity: Expected reactivity**: Human

Homology: Human: 100%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Affinity Purified
Conjugation: Unconjugated

**Storage:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 15kDa

**Gene Name:** gastrin releasing peptide

Database Link: NP 001012530

Entrez Gene 2922 Human

P07492-3

**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.

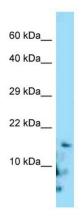


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**Synonyms:** BN; bombesin; GRP-10; preproGRP; proGRP

**Protein Families:** Secreted Protein

# **Product images:**



WB Suggested Anti-GRP Antibody

Titration: 1.0 ug/ml

Positive Control: HepG2 Whole Cell