

Datasheet for ABIN6242221

**anti-Gastrin-Releasing Peptide antibody (AA 67-97)**[Go to Product page](#)**1** Image

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 200 µL   |
| Target:              | Gastrin-Releasing Peptide (GRP)                          |
| Binding Specificity: | AA 67-97   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This Gastrin-Releasing Peptide antibody is un-conjugated |
| Application:         | Western Blotting (WB)                                    |

## Product Details

|               |  |
|---------------|--|
| Immunogen:    | This GRP antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 67-97 amino acids from the Central region of human GRP. |
| Clone:        | RB53369  |
| Isotype:      | Ig Fraction  |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification.   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | Gastrin-Releasing Peptide (GRP)  |
| Alternative Name: | GRP ( <a href="#">GRP Products</a> )   |
| Background:       | GRP stimulates gastrin release as well as other gastrointestinal hormones. Operates as a |

## Target Details

negative feedback regulating fear and established a causal relationship between GRP- receptor gene expression, long-term potentiation, and amygdala- dependent memory for fear (By similarity).

Molecular Weight: 16213

UniProt: [P07492](#)

Pathways: [Peptide Hormone Metabolism](#), [Hormone Activity](#)

## Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

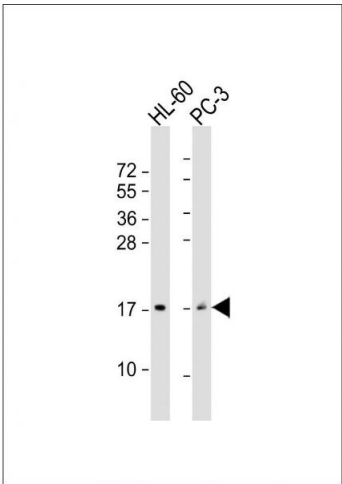
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Expiry Date: 6 months

## Images



### Western Blotting

**Image 1.** All lanes : Anti-GRP Antibody (Center) at 1:2000 dilution Lane 1: HL-60 whole cell lysate Lane 2: PC-3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 16 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.