## Overview

**Product name**  
Anti-Gastrin Releasing Peptide antibody

**Description**  
Rabbit polyclonal to Gastrin Releasing Peptide

**Host species**  
Rabbit

**Tested applications**  
Suitable for: WB, IHC-P

**Species reactivity**  
Reacts with: Mouse, Rat, Human

**Immunogen**  
Recombinant full length protein corresponding to Human Gastrin Releasing Peptide aa 1-148.  
Sequence:

```
MRGRELPLVLLALVLCLAPRGRAVPLPAAGGTVLTKM  
YPRGNHAVGHLML  
GKKSTGESSSVSERGKLQQLREYIRWEEAARNLLGLI  
EAKENRHNQPPQPKALGNQQPSWDEDSSNFK  
DVGSKGKVGRSAPGSGREGRNPQLNQQ
```

Database link: P07492

**Positive control**  
Mouse lung, mouse spinal cord, rat brain and rat kidney cell lysates.

## Properties

**Form**  
Liquid

**Storage instructions**  

**Storage buffer**  
pH: 7.3  
Preservative: 0.02% Sodium azide  
Constituents: 49% PBS, 50% Glycerol

**Purity**  
Immunogen affinity purified

**Clonality**  
Polyclonal

**Isotype**  
IgG

## Applications
Function

GRP stimulates gastrin release as well as other gastrointestinal hormones. Operates as a negative feedback regulating fear and established a causal relationship between GRP-receptor gene expression, long-term potentiation, and amygdala-dependent memory for fear.

Sequence similarities

Belongs to the bombesin/neuromedin-B/ranatensin family.

Cellular localization

Secreted.

Images

All lanes: Anti-Gastrin Releasing Peptide antibody (ab202123) at 1/500 dilution

Lane 1: Mouse lung cell lysate
Lane 2: Mouse spinal cord cell lysate
Lane 3: Rat brain cell lysate
Lane 4: Rat kidney cell lysate

Predicted band size: 16 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise guarantee covers the use of ab202123 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
<th>Abreviews</th>
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<td>IHC-P</td>
<td>1/50 - 1/200.</td>
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Target

Function

GRP stimulates gastrin release as well as other gastrointestinal hormones. Operates as a negative feedback regulating fear and established a causal relationship between GRP-receptor gene expression, long-term potentiation, and amygdala-dependent memory for fear.

Sequence similarities

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Cellular localization

Secreted.

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