

Rabbit Gastrin Releasing Peptide Polyclonal Antibody | anti-GRP antibody

Gastrin Releasing Peptide Antibody

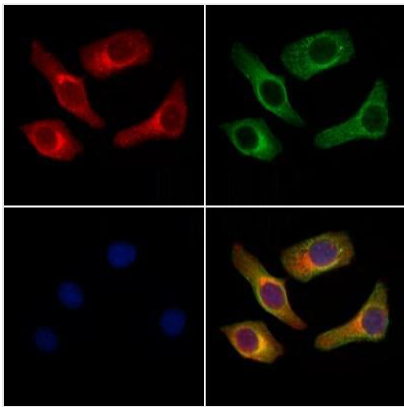
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329131	Rabbit	Human, Mouse, Rat	ELISA

PRODUCT SYNONYMS

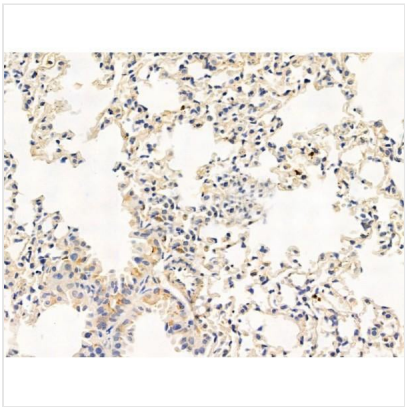
Gastrin Releasing Peptide; Polyclonal Antibody; Gastrin Releasing Peptide Antibody; BN; Gastric releasing peptide; Gastrin releasing peptide; GRP 10; GRP; GRP10; Neuromedin C; NeuromedinC; Pre progastrin releasing peptide; PreproGRP; ProGRP; anti-GRP antibody

PRODUCT SPECIFICATIONS

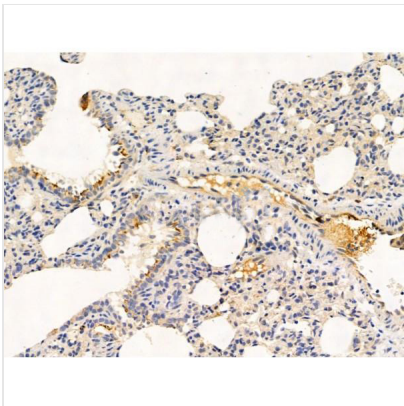
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Gastrin Releasing Peptide Antibody detects endogenous levels of total Gastrin Releasing Peptide.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Phosphate buffered saline; pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	23
Applicable Applications for anti-GRP antibody	ELISA
Immunogen	A synthesized peptide derived from human Gastrin Releasing Peptide, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



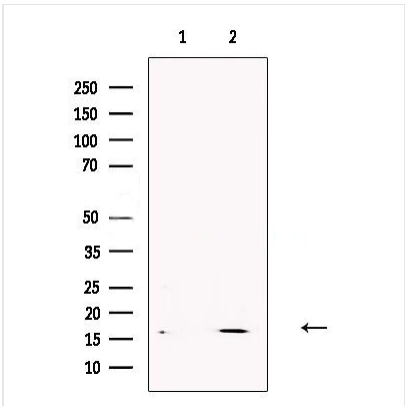
IF (Immunofluorescence)
AAA329131 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329131 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)
AAA329131 at 1/100 staining Mouse lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
AAA329131 at 1/100 staining Rat lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C over night. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Human brain, using Gastrin Releasing Peptide Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GRP antibody	Description: Stimulates the release of gastrin and other gastrointestinal hormones (By similarity). Contributes to the perception of prurient stimuli and to the transmission of itch signals in the spinal cord that promote scratching behavior. Contributes primarily to nonhistaminergic itch sensation. Contributes to long-term fear memory, but not normal spatial memory. Contributes to the regulation of food intake (By similarity) Important Note: For western blots, incubate membrane with diluted Ab in 5% w/v milk, 1X TBS, 0.1% Tween^R20 at 4°C with gentle shaking, over night.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	386757
NCBI GeneID	2922
UniProt Accession #	P07492
Molecular Weight	Observed Molecular Weight: (Observed)16kD. Predicted Molecular Weight: (Calculated)16kDa.

NCBI Official Full Name	pro-gastrin releasing peptide type 2, partial
NCBI Official Synonym Full Names	gastrin releasing peptide
NCBI Official Symbol	GRP
NCBI Official Synonym Symbols	BN; GRP-10; proGRP; preproGRP
NCBI Protein Information	gastrin-releasing peptide
UniProt Protein Name	Gastrin-releasing peptide
UniProt Gene Name	GRP
UniProt Synonym Gene Names	GRP
UniProt Entry Name	GRP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gastrin-releasing-peptide-antibody-elisa/329131>