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Datasheet for ABIN2813586

anti-Gastrin-Releasing Peptide antibody (AA 24-50) (Alexa Fluor 594)

Overview

Quantity:	100 µL
Target:	Gastrin-Releasing Peptide (GRP)
Binding Specificity:	AA 24-50
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Gastrin-Releasing Peptide antibody is conjugated to Alexa Fluor 594
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GRP
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Gastrin-Releasing Peptide (GRP)
Alternative Name:	Gastrin Releasing Peptide (GRP Products)
Background:	Synonyms: BN, GRP-10, proGRP, preproGRP, Gastrin-releasing peptide, GRP

Target Details

Background: 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 (By similarity).

Gene ID:	2922
UniProt:	P07492
Pathways:	Peptide Hormone Metabolism , Hormone Activity

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months