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Datasheet for ABIN7153684
anti-GRPR antibody (AA 326-384) (Biotin)

Overview

Quantity:	100 µg
Target:	GRPR
Binding Specificity:	AA 326-384
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRPR antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Gastrin-releasing peptide receptor protein (326-384AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GRPR
Alternative Name:	GRPR (GRPR Products)
Background:	Background: Receptor for gastrin-releasing peptide (GRP) (PubMed:1655761). Signals via association with G proteins that activate a phosphatidylinositol-calcium second messenger

Target Details

system, resulting in Akt phosphorylation. Contributes to the regulation of food intake.

Contributes to the perception of prurient stimuli and transmission of itch signals in the spinal cord that promote scratching behavior, but does not play a role in the perception of pain.

Contributes primarily to nonhistaminergic itch sensation. Contributes to long-term fear memory, but not normal spatial memory (By similarity).

Aliases: BB2 antibody, Bombesin BB2 receptor antibody, bombesin receptor 2 antibody, Gastrin Releasing Peptide Receptor antibody, Gastrin-releasing peptide receptor antibody, GRP preferring bombesin receptor antibody, GRP R antibody, GRP-preferring bombesin receptor antibody, GRP-R antibody, Grp/bombesin receptor antibody, Grpr antibody, GRPR_HUMAN antibody

UniProt: [P30550](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.