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anti-GRPR antibody (Internal Region)



Image

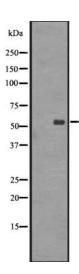


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Overview	
Quantity:	100 μL
Target:	GRPR
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRPR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)
Product Details	
Immunogen:	A synthesized peptide derived from human GRPR, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	GRPR Antibody detects endogenous levels of total GRPR.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	GRPR

Target Details

GRPR (GRPR Products)
Description: Receptor for gastrin-releasing peptide (GRP) (PubMed:1655761). Signals via
association with G proteins that activate a phosphatidylinositol-calcium second messenger
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).
Gene: GRPR
53 kDa
2925
P30550
WB 1:500-1:2000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
For Research Use only
Liquid
Liquid 1 mg/mL
1 mg/mL
1 mg/mL
1 mg/mL Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %
1 mg/mL Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
1 mg/mL Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. Sodium azide
1 mg/mL Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which



Western Blotting

Image 1. Western blot analysis of GRPR expression in A431 whole cell lysate ,The lane on the left is treated with the antigen-specific peptide.