

Datasheet for ABIN1412570

anti-GPR88 antibody (AA 64-170) (HRP)



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Overview

Quantity:	100 µL
Target:	GPR88
Binding Specificity:	AA 64-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR88 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human G protein coupled receptor 88
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GPR88
Alternative Name:	GPR88 (GPR88 Products)
Background:	Synonyms: G protein coupled receptor 88, G protein-coupled receptor 88, G-protein coupled

Target Details

receptor 88, Probable G protein coupled receptor 88, STRG, Striatum specic G protein coupled receptor, GPR88_HUMAN, GPCR88.

Background: G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. GPR88 (G protein-coupled receptor 88), also known as STRG, is a 384 amino acid multi-pass membrane protein that localizes to the cell membrane and belongs to the G protein coupled receptor family. Expressed exclusively in striatum, GPR88 functions as an orphan receptor that may be involved in signaling pathways throughout the cell. Human GPR88 shares 95 % sequence identity with its rat counterpart, suggesting a conserved role between species.

Application Details

Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500

Restrictions:	For Research Use only
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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.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months