

Datasheet for ABIN1429324
anti-GPR88 antibody (PE-Cy7)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	GPR88
Reactivity:	Human, Rat, Mouse, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR88 antibody is conjugated to PE-Cy7
Application:	Western Blotting (WB)

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:	<p>Synonyms: G protein coupled receptor 88, G protein-coupled receptor 88, G-protein coupled receptor 88, Probable G protein coupled receptor 88, STRG, Striatum specic G protein coupled receptor, GPR88_HUMAN, GPCR88.</p> <p>Background: G protein-coupled receptors (GPRs), also known as seven transmembrane</p>

Target Details

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.

Molecular Weight: 38kDa

Application Details

Application Notes: FCM(1:100-500)
Optimal working dilution should be determined by the investigator.

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: Sodium azide

Precaution of Use: This product contains sodium azide: 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