

Datasheet for ABIN1713054
anti-GPR151 antibody (PE-Cy5)



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Overview

Quantity:	100 µL
Target:	GPR151
Reactivity:	Human, Mouse, Rat, Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR151 antibody is conjugated to PE-Cy5
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GPR 151
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Sheep, Pig, Horse
Purification:	Purified by Protein A.

Target Details

Target:	GPR151
Alternative Name:	GPR 151 (GPR151 Products)
Background:	Synonyms: G protein coupled receptor 151, G protein coupled receptor PGR7, G-protein coupled receptor PGR7, Galanin receptor 4, Galanin receptor like, GALR4, GALRL, GP151_HUMAN, GPCR, GPCR-2037, GPCR2037, GPR151, PGR7, Probable G protein coupled receptor 151, Probable G-protein coupled receptor 151, Putative G protein coupled receptor, GPCR GPR151.

Target Details

Background: GPCR2037 is a G protein-coupled receptor that undergoes weak activation by Galanin and is most abundant in the central nervous system (CNS), where it appears to be critical for development. During embryonal development the expression of GPCR2037 is widespread in the nervous system (dorsal thalamus, striatum, locus coeruleus and hindbrain nuclei). GPCR2037 in the CNS of 7- and 15-day-old mouse embryos can localize to the habenular complex. Low levels of GPCR2037 are detectable in testis, liver, kidney and stomach. In addition to GPCR2037, Galanin mediates its effects through receptor subtypes GALR1, 2 and 3. Galanin ligand exerts anxiolytic actions via GALR receptors under conditions of high stress. Galanin coexists with norepinephrine and serotonin in neural systems that mediate emotion.

Gene ID: 134391

UniProt: [Q8TDV0](#)

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