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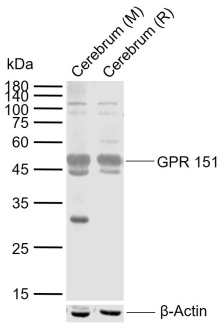
GPR 151 Rabbit pAb

Catalog Number:	bs-13505R
Target Protein:	GPR 151
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Mouse, Rat (predicted:Human, Pig, Sheep, Cow, Horse)
Predicted MW:	47 kDa
Subcellular Locations:	Cell membrane
Entrez Gene:	134391
Swiss Prot:	Q8TDV0
Source:	KLH conjugated synthetic peptide derived from human GPR 151: 11-110/419.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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.

VALIDATION IMAGES



Sample: Lane 1: Mouse Cerebrum tissue lysates Lane 2: Rat Cerebrum tissue lysates Primary: Anti-GPR 151 (bs-13505R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 47 kDa Observed band size: 47 kDa