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GPCR135 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP53372

Product Information

Application	WB
Primary Accession	Q9NSD7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51124

Additional Information

Gene ID	51289
Other Names	Relaxin-3 receptor 1, RLN3 receptor 1, G protein-coupled receptor SALPR, G-protein coupled receptor GPCR135, Relaxin family peptide receptor 3, Somatostatin- and angiotensin-like peptide receptor, RXFP3, RLN3R1, SALPR
Dilution	WB~~ 1:1000
Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	RXFP3
Synonyms	GPCR135, RLN3R1, SALPR
Function	Receptor for RNL3/relaxin-3. Binding of the ligand inhibit cAMP accumulation.
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Expressed predominantly in brain regions. Highest expression in substantia nigra and pituitary, followed by hippocampus, spinal cord, amygdala, caudate nucleus and corpus callosum, quite low level in cerebellum. In peripheral tissues, relatively high levels in adrenal glands, low levels in pancreas, salivary gland, placenta, mammary gland and testis

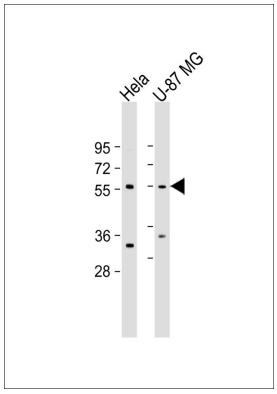
Background

Receptor for RNL3/relaxin-3. Binding of the ligand inhibit cAMP accumulation.

References

Matsumoto M.,et al.Gene 248:183-189(2000).
Kopatz S.A.,et al.Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases.
Liu C.,et al.J. Biol. Chem. 278:50754-50764(2003).

Images



All lanes : Anti-GPCR135 Antibody at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: U-87 MG whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution. Predicted band size : 51 kDa Blocking/Dilution buffer: 5% NFDM/TBST.