RXFP3 Conjugated Antibody

Catalog No: #C37299

Package Size: #C37299-AF350 100ul #C37299-AF405 100ul #C37299-AF488 100ul #C37299-AF555 100ul #C37299-AF594 100ul #C37299-AF647 100ul #C37299-AF680 100ul #C37299-AF750 100ul #C37299-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	RXFP3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total RXFP3 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human Relaxin/insulin-like family peptide receptor 3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SALPR; RLN3R1; RXFPR3; GPCR135
Accession No.	Swiss-Prot#:Q9NSD7NCBI Gene ID:51289NCBI mRNA#:NCBI Protein#:NP_009128
Uniprot	Q9NSD7
GeneID	51289;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	51
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Relaxin/insulin-like family peptide receptor 3, also known as?RXFP3, is a human?G-protein coupled receptor. Receptor for RNL3/relaxin-3. Binding of the ligand inhibit cAMP accumulation. 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.

Note: This product is for in vitro research use only