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Product datasheet for TA303336

NPFF1 Receptor (NPFFR1) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:64,000. WB: 0.03-0.1µg/ml.
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-RPSGSHKEAYSERP, from the internal region of the protein sequence according to NP_071429.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	neuropeptide FF receptor 1
Database Link:	NP_071429 Entrez Gene 64106 Human Q9GZQ6
Background:	Receptor for NPAF (A-18-F-amide) and NPFF (F-8-F-amide) neuropeptides, also known as morphine-modulating peptides. Can also be activated by a variety of naturally occurring or synthetic FMRF-amide like ligands. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system
Synonyms:	GPR147; NPFF1; NPFF1R1; OT7T022

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Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

Product images:

TA303336 (0.03ug/ml) staining of Human Brain (Cerebellum) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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