

## Goat anti-NPFFR1 Antibody

Item Number	dAP-1319
Target Molecule	Principle Name: NPFFR1; Official Symbol: NPFFR1; All Names and Symbols: NPFFR1; neuropeptide FF receptor 1 ; FLJ10751; GPR147; NPFF1; NPFF1R1; OT7T022; G protein-coupled receptor 147; neuropeptide FF 1; Accession Number (s): NP_071429.1; Human Gene ID(s): 64106; Non-Human GeneID(s):
Immunogen	RPSGSHKEAYSERP, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 48kDa band observed in Human Brain (Cerebellum and Cerebral Cortex) lysates (calculated MW of 47.8kDa according to NP_071429.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Gouarderes C, Mazarguil H, Mollereau C, Chartrel N, Leprince J, Vaudry H, Zajac JM. Functional differences between NPFF1 and NPFF2 receptor coupling: high intrinsic activities of RFamide-related peptides on stimulation of [35S]GTPgammaS binding. <i>Neuropharmacology</i> . 2007 Feb;52(2):376-86.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**