



KAL-KX564

For research use only

Anti Human NPFFR1 Monoclonal Antibody

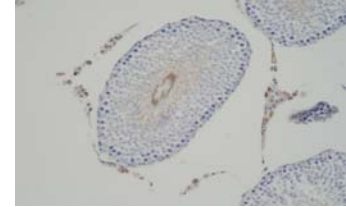
Clone No. 2A10

This product is generated from GANP® mice.



Code No. KX564
Target NPFFR1
Category GPCR
Gene ID 64106
Primary Source HGNC:17425
Synonyms NPFF1; GPR147; NPFF1R1; OT7T022; FLJ10751; NPFFR1

Type Monoclonal Antibody
Immunogen Partial peptide of Human NPFFR1-3rd extracellular domain



[IHC] Rat testis tissue

Raised in GANP® mouse
Myeloma P3UI
Clone number 2A10
Purification ProteinG
Source Serum-free medium
Isotype IgG1, κ
Cross Reactivity Rat
Label Unlabeled
Concentration 0.25 mg/mL
Contents (Volume) 50 μ g (200 μ L/vial)
Buffer PBS [containing 2% Block Ace as a stabilizer, 0.1% Proclin as a bacteriostat]

Storage Store below -20°C . Once thawed, store at 4°C . Repeated freeze-thaw cycles should be avoided.

Application ELISA, IHC

ELISA	WB	IHC	ICC
1.0	Not tested	5.0-10	Not tested
IP	FCM	IF	Neutralization
Not tested	Not tested	Not tested	Not tested

(μ g/mL)

Reference

- Gouardères C, et al. Detailed distribution of neuropeptide FF receptors (NPFF1 and NPFF2) in the rat, mouse, octodon, rabbit, guinea pig, and marmoset monkey brains: a comparative autoradiographic study. *Synapse*. 2004 Mar 15;51(4):249-69.
- Goncharuk V, et al. Distribution of the neuropeptide FF1 receptor (hFF1) in the human hypothalamus and surrounding basal forebrain structures: immunohistochemical study. *J Comp Neurol*. 2004 Jul 5;474(4):487-503.

UniPlot Summary

//Function: 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.

//Sequence similarities: Belongs to the G-protein coupled receptor 1 family.

Manufactured by TransGenic Inc.



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