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NPFFR1 / GPR147 Antibody (C-Terminus)

Rabbit Polyclonal Antibody
Catalog # ALS10464

Specification

NPFFR1 / GPR147 Antibody (C-Terminus) - Product Information

Application	**IHC-P**
Primary Accession	Q9GZQ6
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**48kDa KDa**
Dilution	**IHC-P~~N/A**

NPFFR1 / GPR147 Antibody (C-Terminus) - Additional Information

Gene ID 64106

Other Names
Neuropeptide FF receptor 1, G-protein coupled receptor 147, RFamide-related peptide receptor OT7T022, NPFFR1, GPR147, NPFF1

Target/Specificity
Human NPFF1 Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
NPFFR1 / GPR147 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

NPFFR1 / GPR147 Antibody (C-Terminus) - Protein Information

Name NPFFR1 (HGNC:17425)

Synonyms GPR147, NPFF1

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.

Cellular Location
Cell membrane; Multi-pass membrane protein

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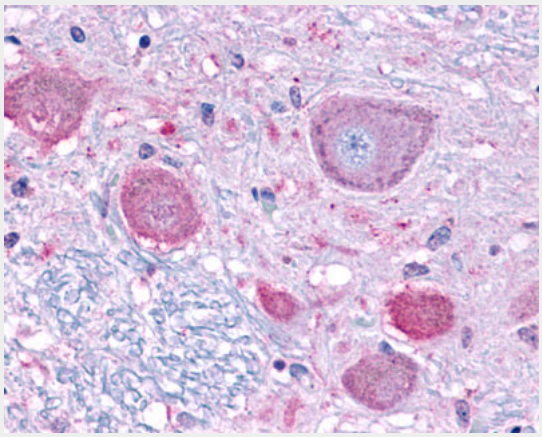
Volume
50 µl

NPFFR1 / GPR147 Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NPFFR1 / GPR147 Antibody (C-Terminus) - Images



Anti-NPFF1 Receptor antibody ALS10464 IHC of human brain, neurons.

NPFFR1 / GPR147 Antibody (C-Terminus) - 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.

NPFFR1 / GPR147 Antibody (C-Terminus) - References

Bonini J.A.,et al.J. Biol. Chem. 275:39324-39331(2000).
Hinuma S.,et al.Nat. Cell Biol. 2:703-708(2000).
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Suwa M.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.
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