

NPFFR1 / GPR147 Antibody (Extracellular Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10463**Specification**

NPFFR1 / GPR147 Antibody (Extracellular Domain) - Product Information

Application	IHC-P
Primary Accession	O9GZQ6
Reactivity	Human, Rabbit, Monkey, Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48kDa KDa
Dilution	IHC-P~~N/A

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

NPFFR1 / GPR147 Antibody (Extracellular Domain) - 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

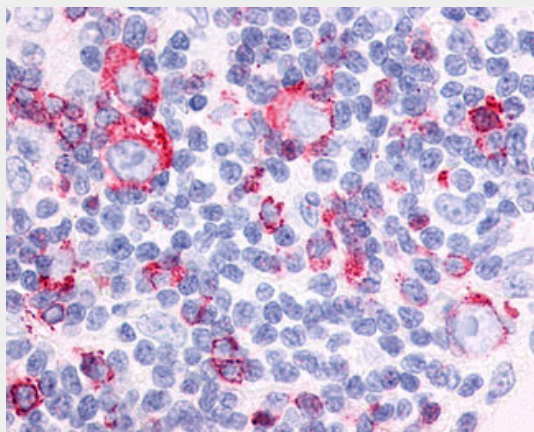
Volume
50 µl

NPFFR1 / GPR147 Antibody (Extracellular Domain) - Protocols

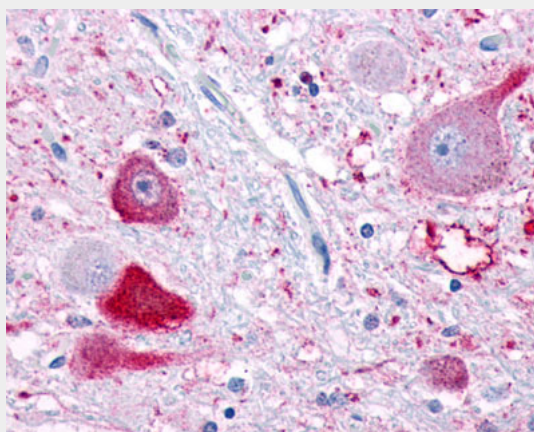
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

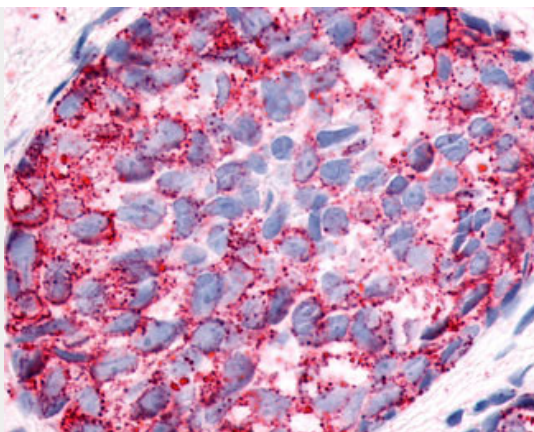
NPFFR1 / GPR147 Antibody (Extracellular Domain) - Images



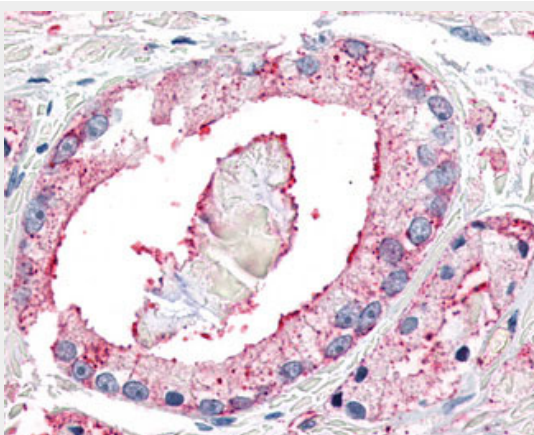
Anti-NPFFR1 / GPR147 antibody IHC of human Lymph Node, Hodgkins Lymphoma.



Anti-NPFF1 Receptor antibody ALS10463 IHC of human brain, neurons.



Anti-NPFFR1 / GPR147 antibody IHC of human Breast, Carcinoma.



Anti-NPFFR1 / GPR147 antibody IHC of human Prostate, Carcinoma.

NPFFR1 / GPR147 Antibody (Extracellular Domain) - 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 (Extracellular Domain) - References

Bonini J.A.,et al.J. Biol. Chem. 275:39324-39331(2000).
Hinuma S.,et al.Nat. Cell Biol. 2:703-708(2000).
Liu Q.,et al.Submitted (DEC-2000) to the EMBL/GenBank/DDBJ databases.
Suwa M.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.
Kaighin V.A.,et al.Submitted (DEC-2007) to the EMBL/GenBank/DDBJ databases.