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NPFF2 / NPFFR2 Antibody (Extracellular Domain)

Rabbit Polyclonal Antibody
Catalog # ALS10642

Specification

NPFF2 / NPFFR2 Antibody (Extracellular Domain) - Product Information

Application	**IHC**
Primary Accession	Q9Y5X5
Reactivity	**Human, Horse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**60kDa KDa**

NPFF2 / NPFFR2 Antibody (Extracellular Domain) - Additional Information

Gene ID 10886

Other Names
Neuropeptide FF receptor 2, G-protein coupled receptor 74, G-protein coupled receptor HLWAR77, Neuropeptide G-protein coupled receptor, NPFFR2, GPR74, NPFF2, NPGPR

Target/Specificity
Human NPFFR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

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

Precautions
NPFF2 / NPFFR2 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

NPFF2 / NPFFR2 Antibody (Extracellular Domain) - Protein Information

Name NPFFR2

Synonyms GPR74, NPFF2, NPGPR

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.

Tissue Location

Isoform 1 is abundant in placenta. Relatively highly expressed in thymus, testis, and small intestine. Expressed at low levels in several tissues including spleen, prostate, brain, heart, ovary, colon, kidney, lung, liver and pancreas and not expressed in skeletal muscle and leukocytes. Isoform 2 expression is highest in placenta (but at relatively low level compared to isoform 1). Very low level of expression in numerous tissues including adipose tissue and many brain regions. Isoform 3 is expressed in brain and heart and, at lower levels, in kidney, liver, lung and pancreas

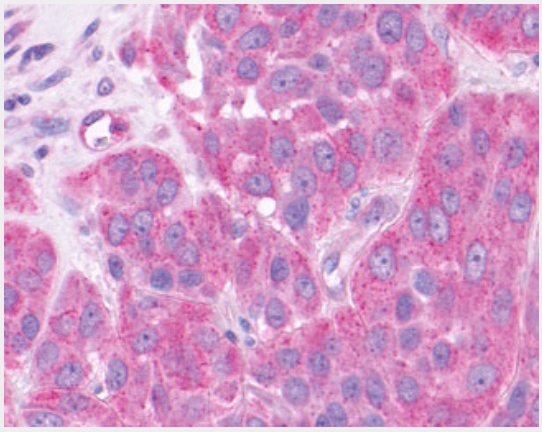
Volume
50 µl

NPFF2 / NPFFR2 Antibody (Extracellular Domain) - Protocols

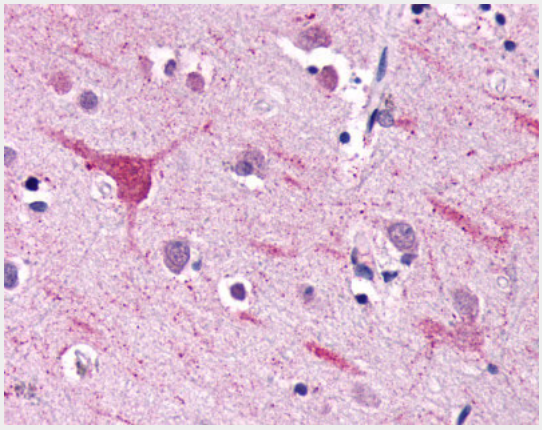
Provided below are standard protocols that you may find useful for product applications.

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

NPFF2 / NPFFR2 Antibody (Extracellular Domain) - Images



Anti-NPFF2 / NPFFR2 antibody IHC of human Skin, Melanoma.



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Anti-NPFFR2 antibody ALS10642 IHC of human brain, neurons and glia.

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NPFF2 / NPFFR2 Antibody (Extracellular Domain) - References

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Elshourbagy N.A.,et al.J. Biol. Chem. 275:25965-25971(2000).
Bonini J.A.,et al.J. Biol. Chem. 275:39324-39331(2000).
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