10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

Anti-NPFF2 / NPFFR2 Antibody (N-Terminus)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17571

Specification

Anti-NPFF2 / NPFFR2 Antibody (N-Terminus) - Product Information

Application	**IHC-P**
Primary Accession	O9Y5X5
Predicted	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**60270**

Anti-NPFF2 / NPFFR2 Antibody (N-Terminus) - Additional Information

Gene ID 10886

Alias Symbol	**NPFFR2**

Other Names

NPFFR2, G protein-coupled receptor 74, HLWAR77, G-protein coupled receptor 74, Neuropeptide FF receptor 2, Neuropeptide FF 2, NPFF2, Neuropeptide FF 2 receptor, NPGPR, GPR74, NPFF-R2, NPFF2 receptor, NPGP receptor

Target/Specificity

Human NPFFR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except MFN2 (45%), MFN1 (45%).

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-NPFF2 / NPFFR2 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-NPFF2 / NPFFR2 Antibody (N-Terminus) - 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

Anti-NPFF2 / NPFFR2 Antibody (N-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