

**Anti-NPFF2 / NPFFR2 Antibody (N-Terminus)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS17571**

**Specification**

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

Application	IHC-P
Primary Accession	<a href="#">O9Y5X5</a>
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 ([HGNC:4525](#))

**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 Cytometry](#)
- [Cell Culture](#)

### **Anti-NPFF2 / NPFFR2 Antibody (N-Terminus) - Images**