

Product Information

Anti-Neuropeptide FF1 Receptor (NPFF1)

Produced in rabbit, Affinity Isolated Antibody

Product Number **N 6162**

Product Description

Anti-Neuropeptide FF1 Receptor (NPFF1) is produced in rabbit using as immunogen a peptide corresponding to the C-terminal sequence (amino acids 418-430) and N-terminal sequence (amino acids 1-16) of the NPFF1 protein. The antibody is affinity-purified using the immunizing peptide immobilized on agarose.

Anti-Neuropeptide FF1 Receptor (NPFF1) reacts with N-terminal sequence (amino acids 1-16, MEGEPSQP-PNSSWPLS) and C-terminal sequence (amino acids 418-430, CSDHLPLTIPAWDI) of human NPFF1. The antibody may be used in immunoblotting (~48 kDa).

The central nervous system neuropeptide FF (NPFF) is believed to play a role in pain modulation and opiate tolerance as well as other physiological functions. Two G protein-coupled receptors, NPFF1 and NPFF2, were isolated from the human central nervous system.

Reagent

The antibody is supplied as a solution of ~1 mg/mL in phosphate buffered saline containing 0.02% sodium azide.

Precautions and Disclaimer

Due to the sodium azide content a material safety sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazardous and safe handling practices.

Storage/Stability

Store at -20 °C. The product may be stored at 2-8 °C for up to three months. For prolonged storage, freeze in working aliquots at -20 °C. Avoid repeated freezing and thawing. Do not store in a "frost-free" freezer.

Product Profile

For immunoblotting, a working antibody dilution of 1:500-1:1,000 is recommended using human brain lysates.

Note: In order to obtain the best results in various techniques and preparations, we recommend determining optimal working dilutions by titration.

References

1. Bonini, J.A., et al., J. Biol. Chem., **275**, 39324-39331 (2000).

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