

## Neuropeptide FF/neuropeptide AF receptors in GtoPdb v.2025.3

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### Abstract

The Neuropeptide FF receptor family contains two subtypes, NPFF1 and NPFF2 (**provisional nomenclature [12]**), which exhibit high affinities for neuropeptide FF ([NPFF](#), [O15130](#)) and RFamide related peptides (RFRP: precursor gene symbol [NPVF](#), [Q9HCQ7](#)). NPFF1 is broadly distributed in the central nervous system with the highest levels found in the limbic system and the hypothalamus. NPFF2 is present in high density in the superficial layers of the mammalian spinal cord where it is involved in nociception and modulation of opioid functions.

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### Database links

#### Neuropeptide FF/neuropeptide AF receptors

<https://www.guidetopharmacology.org/GRAC/FamilyDisplayForward?familyId=43>

#### Introduction to Neuropeptide FF/neuropeptide AF receptors

<https://www.guidetopharmacology.org/GRAC/FamilyIntroductionForward?familyId=43>

#### Receptors

##### NPFF1 receptor

<https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=300>

##### NPFF2 receptor

<https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=301>

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