

# Anti-Neuropeptide FF1 Receptor Polyclonal Antibody

## **ORDERING INFORMATION**

**Catalog No.:** 56110

**Size:** 100 ug IgG in 100 ul (1 mg/ml)  
PBS.

## **BACKGROUND**

The central nervous system octapeptide, neuropeptide FF (NPFF), is believed to play a role in pain modulation and opiate tolerance. Two G protein-coupled receptors, NPFF1 and NPFF2, have been isolated from human and rat central nervous system tissues. Localization of mRNA and binding sites of these receptors in the dorsal horn of the spinal cord, the lateral hypothalamus, the spinal trigeminal nuclei, and the thalamic nuclei suggest a role for NPFF in pain modulation.

## **SPECIFICATION SUMMARY**

**Antigen:** N-terminal sequence MEGEPSQPPNSSWPLS and C-terminal sequence CSHLPLTIPAWDI of human NPFF1.

**Host Species:** Rabbit

**Preservatives:** 0.02% sodium azide.

## **SPECIFICITY**

This antibody recognizes human NPFF1 (45 kD).

## **APPLICATIONS**

*Immunoblotting:* use at 1:500-1:1,000 dilution.

*ELISA:* use at 1:1,000-1:5,000 dilution.

## **DILUTION INSTRUCTIONS**

Dilute in PBS or medium which is identical to that used in the assay system.

## **STORAGE AND STABILITY**

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*