

Anti-Neuropeptide FF2 Receptor Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 56111

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
MNEKWDTNSSSENWHPI and C-
terminal sequence
ELVMEELKETTNSSEI of human
NPFF2.

Host Species: Rabbit

Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes human NPFF2 (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.