abcam

Product datasheet

Anti-NPFF1 Receptor antibody ab3898

2 References 1 Image

Overview

Product name	Anti-NPFF1 Receptor antibody
Description	Rabbit polyclonal to NPFF1 Receptor
Host species	Rabbit
Specificity	Reacts with the N terminal sequence MEGEPSQPPNSSWPLS and the C terminal sequence CSHLPLTIPAWDI of the human NPFF1 protein.
Tested applications	**Suitable for:** ICC/IF, WB
Species reactivity	**Reacts with:** Human

Properties

Form	Liquid
Storage instructions	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium azide
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our Abpromise guarantee covers the use of ab3898 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		
WB		

Application notes

ICC/IF: Use at a concentration of 5 µg/ml.
WB: 1/500 - 1/1000.

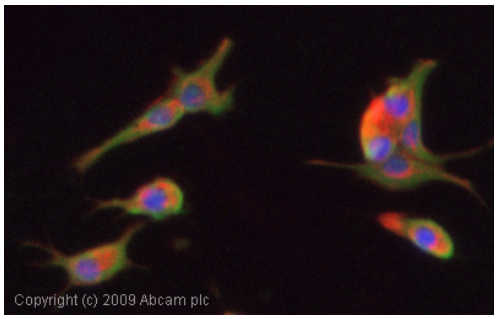
Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

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.
Sequence similarities	Belongs to the G-protein coupled receptor 1 family.
Cellular localization	Cell membrane.

Images



Immunocytochemistry/ Immunofluorescence - Anti-NPFF1 Receptor antibody (ab3898)

ICC/IF image of ab3898 stained Hek293 cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab3898, 5µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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