



## Product datasheet

### Anti-NPFF antibody ab10352

★★★★★ [1 Abreviews](#) [5 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-NPFF antibody
<b>Description</b>	Rabbit polyclonal to NPFF
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-Fr
<b>Species reactivity</b>	<b>Reacts with:</b> Rat
<b>Immunogen</b>	Synthetic peptide corresponding to NPFF. Sequence: FMRF-NH2
	<div>  <a href="#">Run BLAST with</a> </div> <div>  <a href="#">Run BLAST with</a> </div>
<b>Positive control</b>	IHC-Fr: Rat spinal cord, Rat hypothalamus tissue
<b>General notes</b>	<p>Phe Met Arg Phe-NH2, a tetrapeptide neurotransmitter, a member of the same family of RFamide peptides as FLRFamide, sharing the same C terminal RFamide sequence. FMFRamide-related protein precursor plays a role in the regulation of heart rate and blood pressure and the modulation of morphine-induced antinociception. FMRFAL Gene encodes a preproprotein where upon cleavage forms two active peptides possessing similar function.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.05% Sodium azide Constituent: Whole serum
<b>Purity</b>	Whole antiserum

**Primary antibody notes**

Phe Met Arg Phe-NH<sub>2</sub>, a tetrapeptide neurotransmitter, a member of the same family of RFamide peptides as FLRFamide, sharing the same C terminal RFamide sequence. FMRFamide-related protein precursor plays a role in the regulation of heart rate and blood pressure and the modulation of morphine-induced antinociception. FMRFAL Gene encodes a preproprotein where upon cleavage forms two active peptides possessing similar function.

**Clonality**

Polyclonal

**Isotype**

IgG

**Applications****The Abpromise guarantee**

Our **Abpromise guarantee** covers the use of ab10352 in the following tested applications.

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

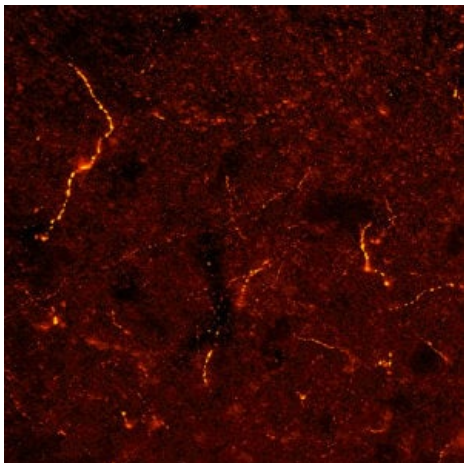
Application	Abreviews	Notes
IHC-Fr		1/200 - 1/1000.

**Target****Relevance**

FMRFamide related peptides are morphine modulating peptides that have many physiologic effects, including the modulation of morphine induced analgesia, elevation of arterial blood pressure, and increased somatostatin secretion from the pancreas. Neuropeptide FF potentiates and sensitizes ACCN2 and ACCN3 channels.

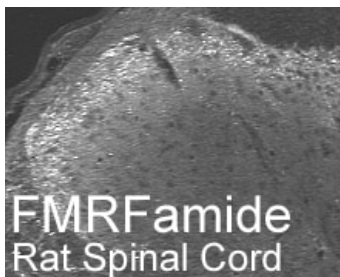
**Cellular localization**

Secreted

**Images**

Immunohistochemical analysis of frozen sections of rat hypothalamus labeling NPFF with ab10352 at 1/200 dilution.

Immunohistochemistry (Frozen sections) - Anti-NPFF antibody (ab10352)



ab10352 staining NPFF in rat spinal cord by Immunohistochemistry (PFA perfusion fixed frozen sections).

Immunohistochemistry (Frozen sections) - Anti-NPFF antibody (ab10352)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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