

NPFF2 Polyclonal Antibody

Catalog Number PA5-33984

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	Dilution * 4-7 µg/mL
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Synthetic 18 amino acid peptide from C-terminus of human NPFFR2.		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Percent identity with other species by BLAST analysis: Human, Gorilla (100%) Gibbon, Monkey (94%) Marmoset (89%).

Background/Target Information

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.

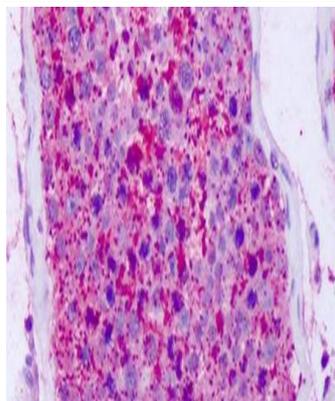
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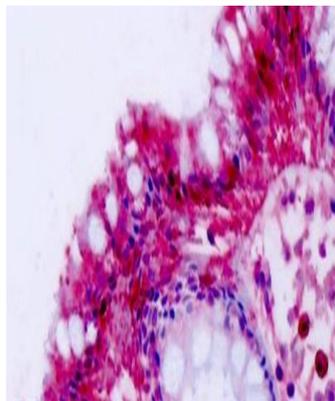
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Product Images For NPFF2 Polyclonal Antibody



NPFF2 Antibody (PA5-33984) in IHC (P)

Immunohistochemical analysis of formalin-fixed paraffin-embedded human testis using a NPFF2/NPFFR2 polyclonal antibody (Product # PA5-33984) at a 4-7 $\mu\text{g/mL}$ dilution. Heat-induced antigen retrieval was performed prior to staining.



NPFF2 Antibody (PA5-33984) in IHC (P)

Immunohistochemical analysis of formalin-fixed paraffin-embedded human colon using a NPFF2/NPFFR2 polyclonal antibody (Product # PA5-33984) at a 4-7 $\mu\text{g/mL}$ dilution. Heat-induced antigen retrieval was performed prior to staining.

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