

## NENF Polyclonal Antibody

Catalog Number **PA5-20577**

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Immunohistochemistry (IHC)	10 µg/mL
Immunogen	A 15 amino acid peptide from near the carboxy terminus of human NENF.	Western Blot (WB)	1-2 µg/mL
		* 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.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

### Product specific information

Despite its predicted molecular weight of ~20kDa, NENF is observed at 37kDa in SDS-PAGE. A suggested positive control is human small intestine tissue lysate. PA5-20577 can be used with blocking peptide PEP-0697.

### Background/Target Information

NENF is a secreted protein that is expressed in neurons but not glial cells of the brain. This protein has neurotrophic activity in primary cultured mouse neurons but not mitogenic activity in primary cultured mouse astrocytes. NENF activated mitogen-activated protein (MAP) and phosphatidylinositol-3 kinase pathways and could be inhibited by pertussis toxin but not receptor tyrosine kinases, suggesting that NENF acts through a Gi/Go-protein-coupled receptor.

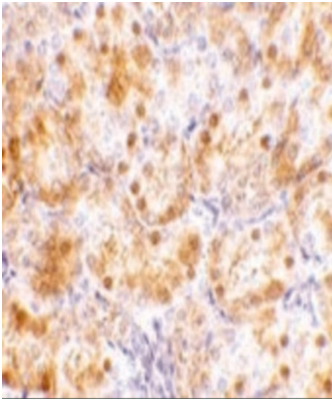
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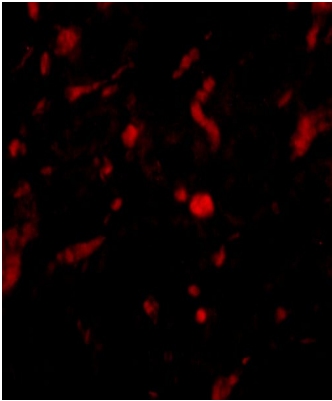
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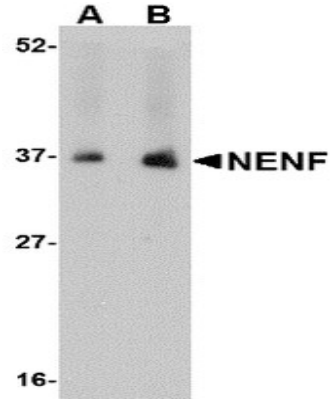
Product Images For NENF Polyclonal Antibody



**NENF Antibody (PA5-20577) in IHC**  
Immunohistochemistry of NENF in rat kidney tissue with NENF Polyclonal Antibody (Product # PA5-20577) at 10 µg /mL.



**NENF Antibody (PA5-20577) in IHC**  
Immunofluorescence of NENF in rat kidney tissue with NENF Polyclonal Antibody (Product # PA5-20577) at 20 µg/mL.



**NENF Antibody (PA5-20577) in WB**  
Western Blot analysis of NENF in human kidney tissue lysate with NENF Polyclonal Antibody (Product # PA5-20577) at (A) 1 and (B) 2 µg/mL.

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