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ZNF667 Polyclonal Antibody

Catalog Number **PA5-20769**

Product data sheet

Details	
Size	100 µg
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	A 17 amino acid peptide near the amino terminus of human MIPU1.
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

Species Reactivity	
Species reactivity	Human, Mouse, Rat

Tested Applications	Dilution *
Immunohistochemistry (IHC)	2.5 µg/mL
Western Blot (WB)	1 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.

Product specific information

A suggested positive control is human brain tissue lysate. PA5-20769 can be used with blocking peptide PEP-0883.

Background/Target Information

Mipu1, also known as zinc finger protein 667 or ZNF667, encodes a nuclear-localized protein containing 14 carboxy-terminal zinc finger motifs and an amino-terminal KRAB domain. This protein is highly expressed in heart and brain and is upregulated in rat heart after a transient ischemia-reperfusion procedure. Overexpression experiments suggest that Mipu1 suppresses the transcriptional activities of AP-1 and SRE in the MAPK signaling pathway and thus may play a role in the pathogenesis of cardiac and vascular disease. At least four isoforms of MIPU1 are known to exist.

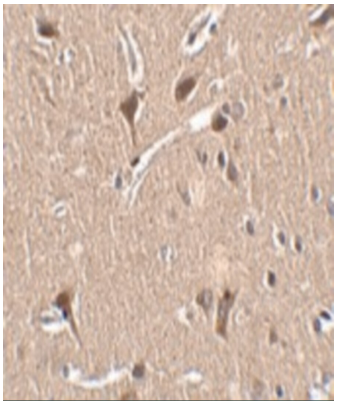
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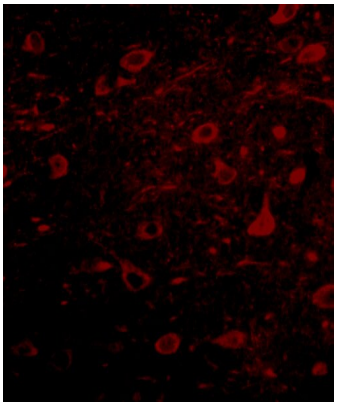
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Product Images For ZNF667 Polyclonal Antibody



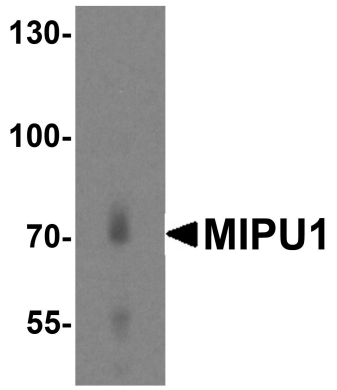
ZNF667 Antibody (PA5-20769) in IHC

Immunohistochemistry of MIPU1 in human brain tissue with ZNF667 Polyclonal Antibody (Product # PA5-20769) at 2.5 µg/mL.



ZNF667 Antibody (PA5-20769) in IHC

Immunofluorescence of MIPU in human brain tissue with ZNF667 Polyclonal Antibody (Product # PA5-20769) at 20 µg /mL.



ZNF667 Antibody (PA5-20769) in WB

Western Blot analysis of MIPU1 in human heart tissue lysate with ZNF667 Polyclonal Antibody (Product # PA5-20769) at 1 µg/mL.

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