

ZC3H12B Polyclonal Antibody

Catalog NumberPA5-20927

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		
Immunogen	A 17 amino acid peptide near the amino terminus of human ZC3H12B.	Immunohistochemistry (IHC)	5 µg/mL
Conjugate	Unconjugated	Western Blot (WB)	1 µg/mL
Form	Liquid	* 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.	
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

A suggested positive control is mouse brain tissue lysate. PA5-20927 can be used with blocking peptide PEP-1041.

Background/Target Information

ZC3H12B, also known as MCPIP2, is a member of a family of novel CCCH-zinc finger proteins that regulate macrophage activation and may be involved in host immunity and inflammatory diseases. The function of ZC3H12B is not well understood. Unlike other members of the ZC3H12 family, ZC3H12B has a RasGEF domain at the C-terminal of the zinc finger motif, suggesting its potential involvement in Ras-mediated signal transduction. It is highly expressed in brain, thymus, and testis, but unlike ZC3H12A and ZC3H12C, not expressed in macrophages after treatment with lipopolysaccharide (LPS).

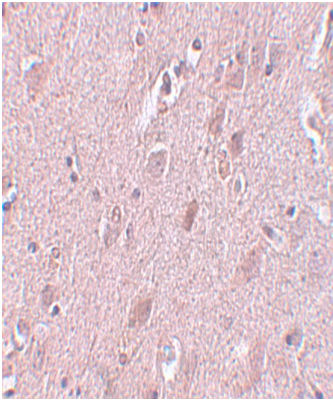
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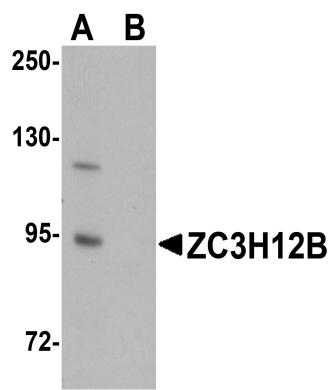
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Product Images For ZC3H12B Polyclonal Antibody



**ZC3H12B Antibody (PA5-20927) in IHC**  
Immunohistochemistry of ZC3H12B in human brain tissue with ZC3H12B Polyclonal Antibody (Product # PA5-20927) at 5 µg/mL.



**ZC3H12B Antibody (PA5-20927) in WB**  
Western Blot analysis of ZC3H12B in mouse brain tissue lysate with ZC3H12B Polyclonal Antibody (Product # PA5-20927) at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

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