

ZC3H12B Antibody

Catalog # ASC11099

Product Information

Application	WB, E, IHC-P
Primary Accession	Q5HYM0
Other Accession	NP_001010888 , 148746187
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	94205
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	ZC3H12B antibody can be used for detection of ZC3H12B by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL.

Additional Information

Gene ID	340554
Other Names	Probable ribonuclease ZC3H12B, 3.1.-., MCP-induced protein 2, Zinc finger CCCH domain-containing protein 12B, ZC3H12B, CXorf32, MCPIP2
Target/Specificity	ZC3H12B;
Reconstitution & Storage	ZC3H12B antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Precautions	ZC3H12B Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ZC3H12B
Synonyms	CXorf32, MCPIP2
Function	May function as RNase and regulate the levels of target RNA species.

Background

ZC3H12B Antibody: ZC3H12B, also known as MCPIP2, is a member of a family of novel CCCH-zinc finger

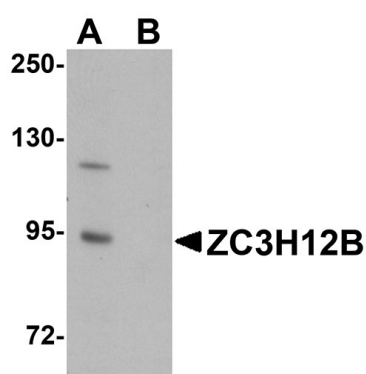
proteins that regulate macrophage activation and may be involved in host immunity and inflammatory diseases. The function of ZC3H12B is not well understood. Unlike other members of the ZC3H12 family, ZC3H12B has a RasGEF domain at the C-terminal of the zinc finger motif, suggesting its potential involvement 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).

References

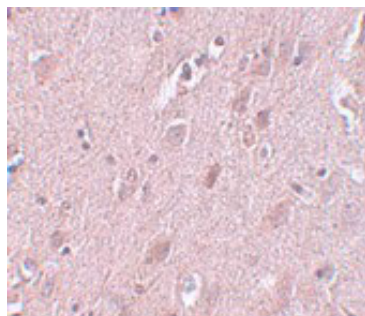
Zhou L, Azfer A, Niu J, et al. Monocyte chemoattractant protein-1 induces a novel transcription factor that causes cardiac myocyte apoptosis and ventricular dysfunction. *Circ. Res.*2006; 98:1177-85.

Liang J, Wang J, Azfer A, et al. A novel CCCH-zinc finger protein family regulates proinflammatory activation of macrophages. *J. Biol. Chem.*2008; 283:6337-46.

Images



Western blot analysis of ZC3H12B in mouse brain tissue lysate with ZC3H12B antibody at 1 μ g/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of ZC3H12B in human brain tissue with ZC3H12B antibody at 5 μ g/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.