

ZC3H12C Antibody

Catalog # ASC11100

Product Information

Application	WB, IF, E, IHC-P
Primary Accession	Q9C0D7
Other Accession	NP_203748 , 148886668
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	99340
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	ZC3H12C antibody can be used for detection of ZC3H12C by Western blot at 1 μ g/mL. Antibody can also be used for immunohistochemistry starting at 5 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Additional Information

Gene ID	85463
Other Names	Probable ribonuclease ZC3H12C, 3.1.-., MCP-induced protein 3, Zinc finger CCCH domain-containing protein 12C, ZC3H12C, KIAA1726, MCPIP3
Target/Specificity	ZC3H12C;
Reconstitution & Storage	ZC3H12C 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	ZC3H12C Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ZC3H12C
Synonyms	KIAA1726, MCPIP3
Function	May function as RNase and regulate the levels of target RNA species.

Background

ZC3H12C Antibody: ZC3H12C, also known as MCPIP3, is a member of a family of novel CCCH-zinc finger

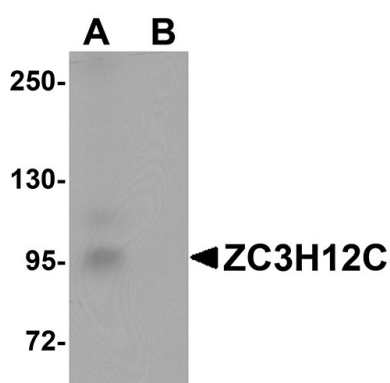
proteins that includes ZC3H12A, a protein that is thought to be involved in macrophage activation, host immunity and inflammatory diseases. Similar to ZC3H12A, ZC3H12C expression in macrophages is highly increased after treatment with lipopolysaccharide (LPS), suggesting it also may play a role in host immunity and inflammatory response.

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.

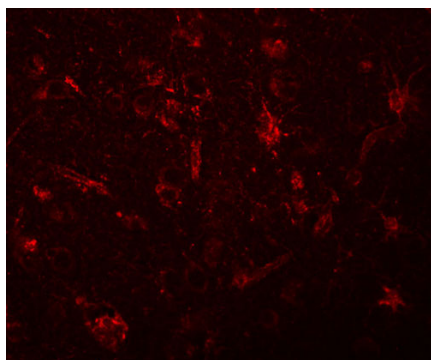
Images



Western blot analysis of ZC3H12C in rat brain tissue lysate with ZC3H12C antibody at 1 $\mu\text{g/mL}$ in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of ZC3H12C in human brain tissue with ZC3H12C antibody at 5 $\mu\text{g/mL}$.



Immunofluorescence of ZC3H12C in human brain tissue with ZC3H12C antibody at 20 $\mu\text{g/mL}$.

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