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ZC3H12B Antibody
Catalog # ASC11099

Specification

ZC3H12B Antibody - Product Information

Application	**WB, IHC-P, E**
Primary Accession	Q5HYM0
Other Accession	NP_001010888, 148746187
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
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.**

ZC3H12B Antibody - Additional Information

Gene ID **340554**

Target/Specificity
ZC3H12B;

Reconstitution & Storage
ZC3H12B antibody can be stored at 4℃ for three months and -20℃, 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.

ZC3H12B Antibody - Protein Information

Name ZC3H12B

Synonyms CXorf32, MCPIP2

Function
May function as RNase and regulate the levels of target RNA species.

ZC3H12B Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot

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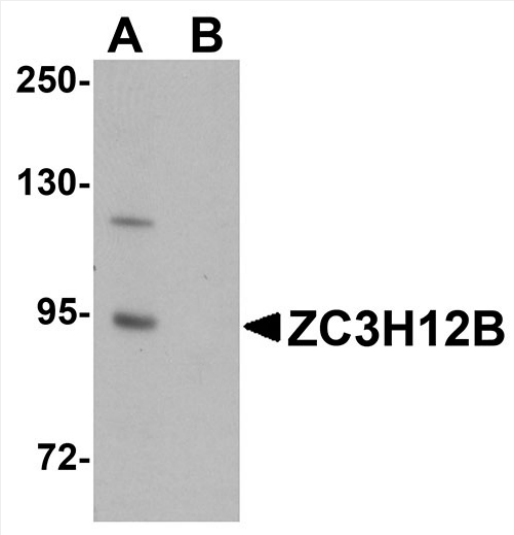
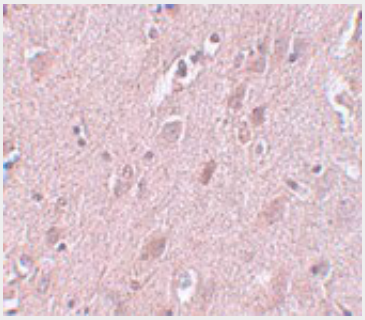
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ZC3H12B Antibody - Images



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



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

ZC3H12B Antibody - 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).

ZC3H12B Antibody - 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.