

## ZC3H12B Antibody

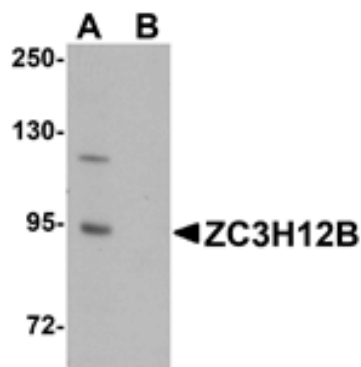
Catalog No: #25086

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

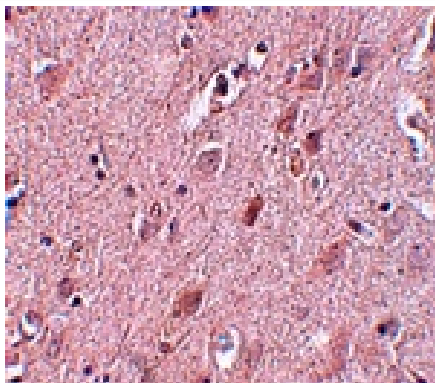
## Description

Product Name	ZC3H12B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide near the amino terminus of human ZC3H12B.
Target Name	ZC3H12B
Other Names	Zinc finger CCCH-type containing 12B, MCP-1-induced protein 2, MCP1P2
Accession No.	Swiss-Prot:Q5HYM0Gene ID:340554
Uniprot	Q5HYM0
GeneID	340554;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

## Images



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



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

## Background

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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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Note: This product is for in vitro research use only