

Anti-ZC3H12C Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Horse)
Molecular Weight:	Theoretical: 99 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (ZC3H12C) Polyclonal Antibody, Unconjugated (TMAB-14256) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human ZC3H12C
Antigen Species:	Human
Gene ID:	85463
Uniprot ID:	Q9C0D7

Research Background

ZC3H12C is an 883 amino acid protein that contains one C3H1-type zinc finger domain and belongs to the ZC3H12 family. ZC3H12C is suggested to function as an RNase, and thereby modifies levels of target RNA. Binding magnesium as a cofactor, ZC3H12C has been found to be induced in THP-1 cells when exposed to TNF α or IL-1. ZC3H12C is encoded by a gene that maps to human chromosome 11, which comprises approximately 4% of human genomic DNA and is considered a gene and disease association dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxia-telangiectasia.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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