

For Research Use Only

ZC4H2 Polyclonal antibody

Catalog Number: 20526-1-AP



Basic Information

Catalog Number: 20526-1-AP	GenBank Accession Number: BC004411	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 55906	Recommended Dilutions: WB: 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q9NQZ6	
Isotype: IgG	Full Name: zinc finger, C4H2 domain containing	
Immunogen Catalog Number: AG14388	Calculated MW: 224 aa, 26 kDa	
	Observed MW: 26 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse liver tissue, rat liver tissue
Species Specificity: human, mouse, rat	

Background Information

ZC4H2 is located on the X chromosome, which encodes a C4H2 type zinc-finger nuclear factor. Mutations in ZC4H2 have been reported to be associated with various disorders, including arthrogryposis multiplex congenita (AMC), X-linked intellectual disability, Wieacker-Wolff syndrome, and Miles-Carpenter syndrome. Since ZC4H2 is located on the X-chromosome, the disorder is usually severe or even lethal in males. Mechanistically, ZC4H2 has been shown mostly to work as a stabilizing co-factor of the ubiquitin E3 ligase RNF220. RNF220 and ZC4H2 cooperate to pattern the embryonic ventral neural tube through regulation of Shh/Gli signaling as well as the stability of key transcription factors (Dbx1/2 and Nkx2.2). (PMID: 31336385, PMID: 39336725)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

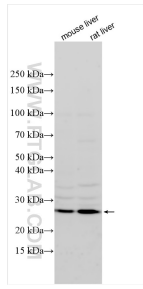
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20526-1-AP (ZC4H2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.