

For Research Use Only

ZC4H2 Polyclonal antibody, PBS Only

Catalog Number: 20526-1-PBS



Basic Information

Catalog Number: 20526-1-PBS	GenBank Accession Number: BC004411	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 55906	
Isotype: IgG	UNIPROT ID: Q9NQZ6	
Immunogen Catalog Number: AG14388	Full Name: zinc finger, C4H2 domain containing	
	Calculated MW: 224 aa, 26 kDa	
	Observed MW: 26 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

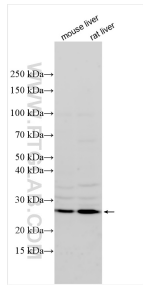
T: 4006900926

E: Proteintech-CN@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 20526-1-PBS in a different storage buffer formulation.