

For Research Use Only

ZCCHC12 Polyclonal antibody

Catalog Number: 26442-1-AP



Basic Information

Catalog Number: 26442-1-AP	GenBank Accession Number: BC031241	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 170261	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	UNIPROT ID: Q6PEW1	
Isotype: IgG	Full Name: zinc finger, CCHC domain containing 12	
Immunogen Catalog Number: AG23858	Observed MW: 35-40 kDa	

Applications

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

Background Information

Zinc finger CCHC domain-containing protein 12 (ZCCHC12) functions as a transcriptional coactivator in the bone morphogenetic protein (BMP)-signaling pathway (PMID: 19578717; 19416967). It positively modulates BMP signaling by interacting with SMAD1 and associating with CBP in the transcription complex (PMID: 18160706). It contributes to the BMP-induced enhancement of cholinergic-neuron-specific gene expression. A variant in ZCCHC12 may play a role in X-linked cognitive disability (PMID: 18798319).

Storage

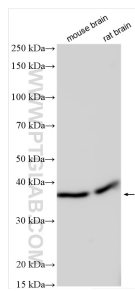
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26442-1-AP (ZCCHC12 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.