

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 µg/ml by Nanodrop;	GeneID (NCBI): 170261	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	Full Name: zinc finger, CCHC domain containing 12	
Isotype: IgG	Observed MW: 35-40 kDa	
Immunogen Catalog Number: AG23858		

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

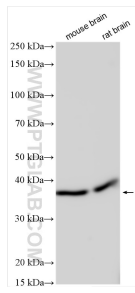
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
E: proteintech@ptglab.com
W: ptglab.com

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 26442-1-AP (ZCCHC12 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.