

For Research Use Only

# ZCCHC12 Polyclonal antibody

Catalog Number: 26442-1-AP



## Basic Information

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

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> 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

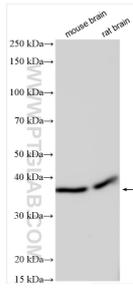
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://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.