

# ZCCHC12 Polyclonal antibody

Catalog Number: 26442-1-AP

## Basic Information

**Catalog Number:**

26442-1-AP

**Size:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG23858

**GenBank Accession Number:**

BC031241

**GeneID (NCBI):**

170261

**UNIPROT ID:**

Q6PEW1

**Full Name:**

zinc finger, CCHC domain containing  
12

**Observed MW:**

35-40 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:6000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : mouse brain tissue, rat brain tissue

## 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:**

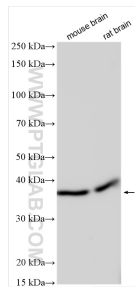
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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.