

For Research Use Only

# ZIC4-Specific Polyclonal antibody

Catalog Number: 51003-1-AP **2 Publications**



## Basic Information

**Catalog Number:**

51003-1-AP

**Size:**

150 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_032153

**GeneID (NCBI):**

84107

**UNIPROT ID:**

Q8N9L1

**Full Name:**

Zic family member 4

**Calculated MW:**

37 kDa

**Observed MW:**

37 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

human, mouse

**Cited Species:**

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB : human brain tissue,

IHC : mouse brain tissue,

## Background Information

The ZIC gene family includes 5 genes that are highly conserved across evolution. These genes encode zinc finger proteins that are expressed during development and maturation of the central nervous system and have critical roles in the development of the cerebellum. ZIC4, like other members, may have roles in the nervous system development.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yun Huang	33304900	Front Cell Dev Biol	WB
Aruga Jun J	20199689	BMC Cancer	WB, IHC

## Storage

**Storage:**

Store at -20°C.

**Storage Buffer:**

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

Aliquoting is unnecessary for -20°C storage

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

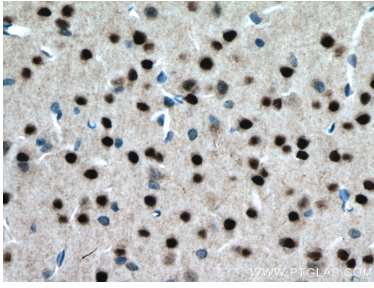
T: 4006900926

E: Proteintech-CN@ptglab.com

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 51003-1-AP (ZIC4-Specific antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human brain tissue were subjected to SDS PAGE followed by western blot with 51003-1-AP (ZIC4-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.