

For Research Use Only

# ZIC1 Polyclonal antibody

Catalog Number:25004-1-AP



## Basic Information

<b>Catalog Number:</b> 25004-1-AP	<b>GenBank Accession Number:</b> BC104848	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7545	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q15915	
<b>Isotype:</b> IgG	<b>Full Name:</b> Zic family member 1 (odd-paired homolog, Drosophila)	
<b>Immunogen Catalog Number:</b> AG13400	<b>Calculated MW:</b> 447 aa, 48 kDa	
	<b>Observed MW:</b> ~50 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : ROS1728 cells, Y79 cells, PC-12 cells
<b>Species Specificity:</b> human, rat	

## Background Information

ZIC1 is a member of the Zinc finger of the cerebellum (ZIC) protein family. In vertebrates, the ZIC gene family plays an important role in neural crest and subsequent cerebellar development. Mutations in ZIC family members have demonstrated that they are essential for proper development of the neural tube, left-right symmetry, and muscle and skeletal development. It has been reported that ZIC1 participates in the regulation of cell proliferation in the dorsal neural tube by inhibition of neural differentiation. Furthermore, ZIC1 is potentially involved in the oncogenesis of undifferentiated nervous system tumors. (PMID:17936758)

## 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

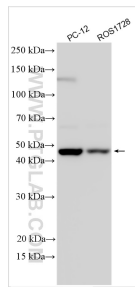
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25004-1-AP (ZIC1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.