

For Research Use Only

ZIC4-Specific Polyclonal antibody

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



Basic Information

Catalog Number: 51003-1-AP	GenBank Accession Number: NM_032153	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 153 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 84107	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: Zic family member 4	
Isotype: IgG	Calculated MW: 37 kDa	
	Observed MW: 37 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : human brain tissue, IHC : mouse brain tissue,
Cited Applications: IHC, WB	
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	

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

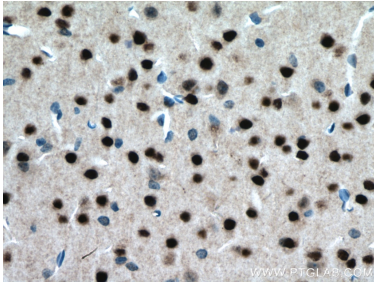
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 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

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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.