

For Research Use Only

TIPIN Polyclonal antibody

Catalog Number: 11972-2-AP **1 Publications**



Basic Information

Catalog Number: 11972-2-AP	GenBank Accession Number: BC000870	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54962	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9BVW5	
Isotype: IgG	Full Name: TIMELESS interacting protein	
Immunogen Catalog Number: AG2595	Calculated MW: 301 aa, 34 kDa	
	Observed MW: 48 kDa	

Applications

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

Background Information

TIPIN, also named as TIMELESS-interacting protein, is a 301 amino acid protein, which belongs to the CSM3 family. TIPIN Plays an important role in the control of DNA replication and the maintenance of replication fork stability. TIPIN forms a complex with TIMELESS and this complex regulates DNA replication processes under both normal and stress conditions, stabilizes replication forks and influences both CHEK1 phosphorylation and the intra-S phase checkpoint in response to genotoxic stress. The calculated molecular weight of TIPIN is 34 kDa, but the result of WB is 55-60 kDa, which is similar to the result of publication.(PMID: 24830473)

Notable Publications

Author	Pubmed ID	Journal	Application
Hui Chen	35082931	Dis Markers	IHC

Storage

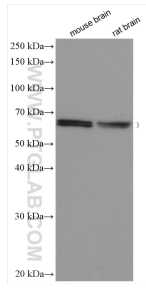
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11972-2-AP (TIPIN antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.