

# TIPIN Polyclonal antibody

Catalog Number: 11972-2-AP

1 Publications

## Basic Information

**Catalog Number:**

11972-2-AP

**Size:**

650 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2595

**GenBank Accession Number:**

BC000870

**GeneID (NCBI):**

54962

**UNIPROT ID:**

Q9BVW5

**Full Name:**

TIMELESS interacting protein

**Calculated MW:**

301 aa, 34 kDa

**Observed MW:**

48 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

## Applications

**Tested Applications:**

WB, ELISA

**Cited Applications:**

IHC

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human

**Positive Controls:**

WB : mouse brain tissue, rat brain tissue

## 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

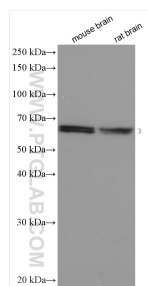
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.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.