

# TPPP/p25 Rabbit mAb

Catalog No.: A4637 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

26kDa

### Calculated MW

24kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Mouse, Rat

### CloneNo number

ARC1129

## Background

Enables several functions, including GTPase activity; magnesium ion binding activity; and protein homodimerization activity. Involved in several processes, including microtubule cytoskeleton organization; negative regulation of tubulin deacetylation; and positive regulation of protein polymerization. Located in several cellular components, including mitochondrion; mitotic spindle; and perinuclear region of cytoplasm. Colocalizes with microtubule and microtubule bundle.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:50 - 1:200

## Immunogen Information

### Gene ID

11076

### Swiss Prot

O94811

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human TPPP/p25 (O94811).

### Synonyms

p24; p25; TPPP1; TPPP/p25; p25alpha

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

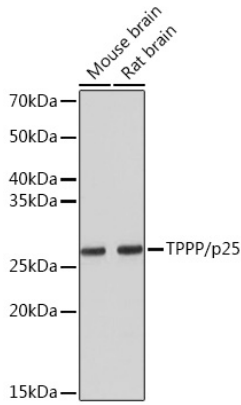
Affinity purification

### Storage

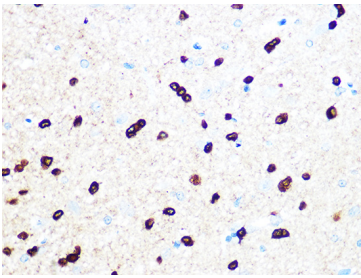
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

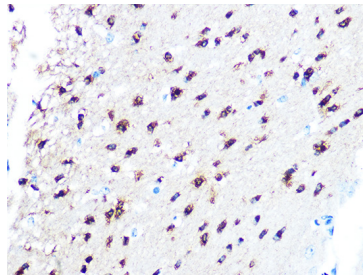
## Validation Data



Western blot analysis of various lysates using TPPP/p25 Rabbit mAb (A4637) at 1:5000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 3min.



Immunohistochemistry analysis of paraffin-embedded Rat brain using TPPP/p25 Rabbit mAb (A4637) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using TPPP/p25 Rabbit mAb (A4637) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.