

TPPP/p25 Rabbit mAb

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

Basic Information

Observed MW

26kDa

Calculated MW

24kDa

Category

Monoclonal Antibodies

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Mouse, Rat

Conjugation

Unconjugated

Clone 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

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

11076

Swiss Prot

O94811

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

p24; p25; TPPP1; TPPP/p25; p25alpha

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

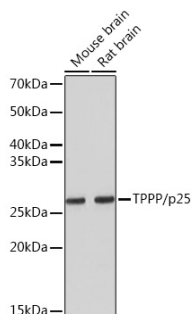
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using TPPP/p25 Rabbit mAb (A4637) at 1:5000 dilution.

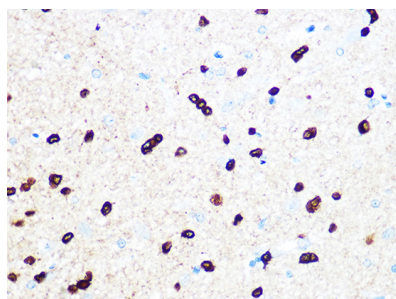
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

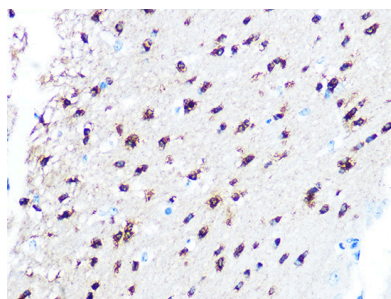
Blocking buffer: 3% nonfat dry milk in TBST.

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). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using TPPP/p25 Rabbit mAb (A4637) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

