
TPPP Rabbit pAb

Catalog Number: bs-11674R

Target Protein: TPPP

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: **IHC-P** (1:100-500), **IHC-F** (1:100-500), **IF** (1:100-500)

Reactivity: Mouse (predicted: Human, Rat, Pig, Cow, Chicken, Dog)

Predicted MW: 24 kDa

Subcellular: Cytoplasm, Nucleus

Locations:

Entrez Gene: 11076

Swiss Prot: O94811

Source: KLH conjugated synthetic peptide derived from human TPPP: 61-150/219.

Purification: affinity purified by Protein A

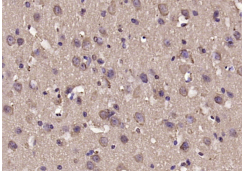
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

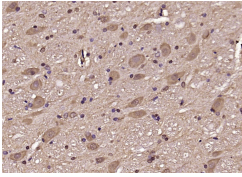
Background: Tubulin family members are globular proteins important in the assembly of microtubules.

Microtubules are structural components that play important roles in mitosis, cytokinesis and vesicle transport. TPPP (Tubulin polymerization-promoting protein), also known as p24 and p25, is a widely expressed 219 amino acid protein found in the perinuclear region of the cytoplasm. TPPP may form dimers and functions in polymerizing tubulin into double-walled tubules, polymorphic aggregates, or stabilized blocks. TPPP overexpression prevents formation of the mitotic spindle assembly and breakdown of the nuclear envelope. TPPP is phosphorylated by TPK II and is encoded by a gene that maps to human chromosome 5, which contains 181 million base pairs and comprises nearly 6% of the human genome.

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TPPP) Polyclonal Antibody, Unconjugated (bs-11674R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TPPP) Polyclonal Antibody, Unconjugated (bs-11674R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.