



# TPPP (Phospho-Ser18) mouse mAb

<b>Catalog No</b>	BYmab-10523
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	TPPP TPPP1
<b>Protein Name</b>	TPPP (Phospho-Ser18)
<b>Immunogen</b>	Synthesized peptide derived from human TPPP (Phospho-Ser18)
<b>Specificity</b>	This antibody detects endogenous levels of TPPP (Phospho-Ser18) at Human, Mouse,Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.179% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Tubulin polymerization-promoting protein (TPPP) (25 kDa brain-specific protein) (TPPP/p25) (p24) (p25-alpha)
<b>Observed Band</b>	
<b>Cell Pathway</b>	Golgi outpost . Cytoplasm, cytoskeleton, microtubule organizing center . Cytoplasm, cytoskeleton . Nucleus . Cytoplasm, cytoskeleton, spindle . Specifically localizes to the postsynaptic Golgi apparatus region, also named Golgi outpost, which shapes dendrite morphology by functioning as sites of acentrosomal microtubule nucleation (By similarity). Mainly localizes to the cytoskeleton (PubMed:18028908). Also found in the nucleus; however, nuclear localization is unclear and requires additional evidences (PubMed:18028908). Localizes to glial Lewy bodies in the brains of individuals with synucleinopathies (PubMed:15590652, PubMed:17027006). During mitosis, colocalizes with LIMK2 at the mitotic spindle (PubMed:22328514). .
<b>Tissue Specificity</b>	Widely expressed.
<b>Function</b>	function:Promotes in vitro the polymerization of tubulin into double-walled tubules and polymorphic aggregates or bundled stabilized microtubules blocks. When overexpressed, inhibits mitotic spindle assembly and nuclear envelope

**Nanjing BYabscience technology Co.,Ltd**



breakdown, apparently without affecting other cellular events.,PTM:Phosphorylated by TPK II. Poor substrate for GSK3.,similarity:Belongs to the TPPP family.,subunit:May form dimers. Binds tubulin; binding is inhibited by GTP. Interacts with GSK3.,tissue specificity:Widely expressed.,

## Background

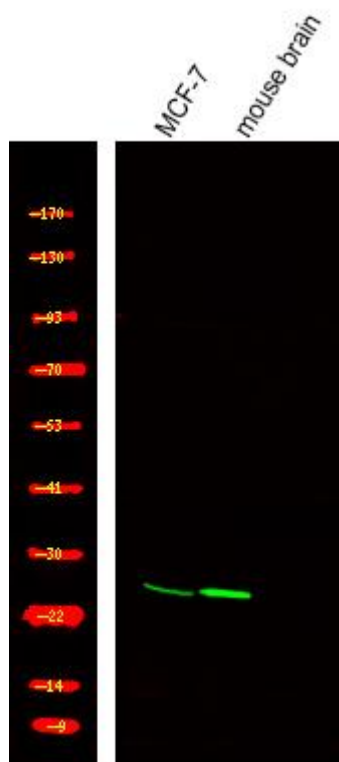
## matters needing attention

Avoid repeated freezing and thawing!

## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using TPPP (Phospho-Ser18) mouse mAb