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**Product Name: TPPP Rabbit Monoclonal Antibody****Catalog #: AMRe84543**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ICC,FC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100
<b>Molecular Weight</b>	Calculated MW: 24 kDa ; Observed MW: 25 kDa

**Antigen Information**

<b>Gene Name</b>	TPPP
<b>Alternative Names</b>	p24; p25; p25alpha; TPPP; TPPP/p25; TPPP1; Tubulin polymerization promoting protein;;TPPP
<b>Gene ID</b>	
<b>SwissProt ID</b>	O94811
<b>Immunogen</b>	A synthesized peptide derived from human TPPP

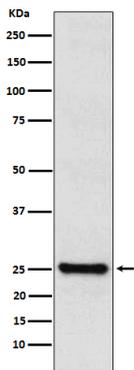
**Background**

Regulator of microtubule dynamics that plays a key role in myelination by promoting elongation of the myelin sheath. Acts as a

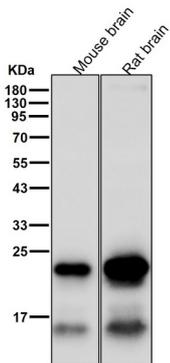
microtubule nucleation factor in oligodendrocytes: specifically localizes to the postsynaptic Golgi apparatus region, also named Golgi outpost, and promotes microtubule nucleation, an important step for elongation of the myelin sheath.

## Research Area

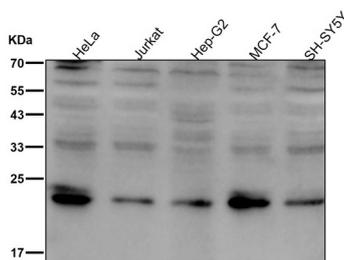
## Image Data



Western blot analysis of TPPP expression in SHSY5Y cell lysate.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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