

Product Name: TPPP Rabbit Monoclonal antibody**Catalog #: AMRe02729**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.16mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 24 kDa; Observed MW: 24 kDa

Antigen Information

Gene Name	TPPP
Alternative Names	p24; p25; p25alpha; TPPP; TPPP/p25; TPPP1; Tubulin polymerization promoting protein
Gene ID	11076
SwissProt ID	O94811
Immunogen	A synthetic peptide of human Tubulin Polymerization Promoting Protein

Background

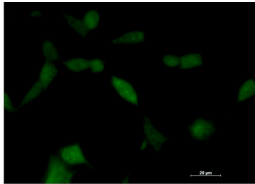
May play a role in the polymerization of tubulin into microtubules, microtubule bundling and the stabilization of existing microtubules, thus maintaining the integrity of the microtubule network. May play a role in mitotic spindle assembly and

nuclear envelope breakdown.

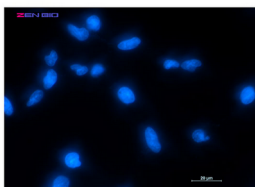
Research Area

Signal Transduction

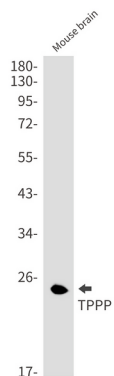
Image Data



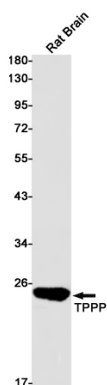
Immunocytochemistry analysis of TPPP (green) in LNcap using TPPP antibody, and DAPI(blue).

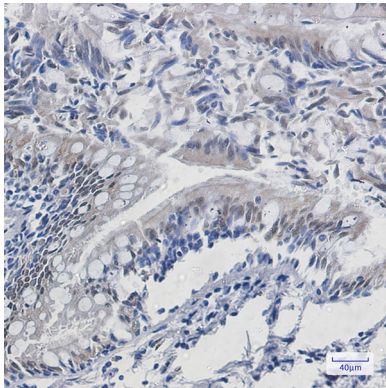


Western blot analysis of TPPP in mouse brain lysates using TPPP antibody.



Western blot analysis of TPPP in rat Brain lysates using TPPP antibody





Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Tubulin Polymerization Promoting Protein antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.