

For Research Use Only

TPPP Monoclonal antibody

Catalog Number: 68048-1-Ig **Featured Product**



Basic Information

Catalog Number: 68048-1-Ig	GenBank Accession Number: BC131506	Purification Method: Protein A purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 11076	CloneNo.: 1E5F5
Source: Mouse	Full Name: tubulin polymerization promoting protein	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2b	Calculated MW: 219 aa, 24 kDa	
Immunogen Catalog Number: AG19046	Observed MW: 24-29 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat, rabbit, chicken, pig

Positive Controls:

WB : pig brain tissue, pig cerebellum tissue, rabbit cerebellum tissue, rat cerebellum tissue, SH-SY5Y cells, rabbit brain, rat brain, mouse brain, chicken brain

Background Information

TPPP, also named as TPPP1, P24 and P25, belongs to the TPPP family. TPPP promotes in vitro the polymerization of tubulin into double-walled tubules and polymorphic aggregates or bundled stabilized microtubules blocks. When overexpressed, TPPP inhibits mitotic spindle assembly and nuclear envelope breakdown, apparently without affecting other cellular events.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

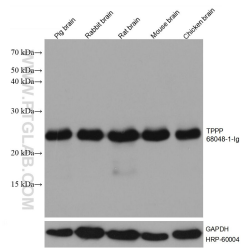
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

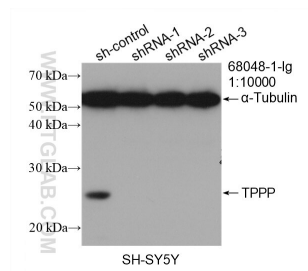
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Brain tissues were subjected to SDS PAGE followed by western blot with 68048-1-Ig (TPPP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



WB result of TPPP antibody (68048-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TPPP transfected SH-SY5Y cells.