

For Research Use Only

TPPP3 Polyclonal antibody

Catalog Number: 15057-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 15057-1-AP	GenBank Accession Number: BC000691	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51673	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: tubulin polymerization-promoting protein family member 3	
Isotype: IgG	Calculated MW: 19 kDa	
Immunogen Catalog Number: AG7040	Observed MW: 19-20 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : PC-3 cells, HEK-293 cells
Cited Applications: IF, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

Background Information

TPPP3 (tubulin polymerization promoting protein 3), also named as TPPP/p20, is a new member of the TPPP family which binds tubulin and induces tubulin polymerization and microtubule bundling. TPPP3 has been shown to play an important role in cell proliferation and may be implicated in tumorigenesis and metastasis (19633818). TPPP3 was also identified as specific marker for the connective tissues that envelope tendons due to its distinct expression in the developing tendon sheath (19235716). This antibody detects the 19-20 kDa TPPP3 in HeLa and PC-3 cells. The non-specific bands between 40 and 60 kDa were also occasionally observed.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhen Xiong	35320705	Immunity	
Mengqi Chu	33509274	Stem Cell Res Ther	WB
Zhen Huang	37483625	Front Immunol	IF

Storage

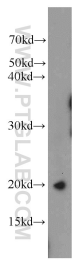
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

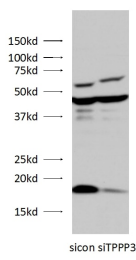
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 15057-1-AP (TPPP3 antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.



WB result of anti-TPPP3 (15057-1-AP, 1:500) with HEK-293 cells (siRNA transfected with) by Dr. Yupeng Chen. (Negative control or TPPP3 specific siRNAs were transfected into HEK-293 cells with the final concentration of 20 nM. Forty eight hours after transfection, cells were lysed with RIPA buffer and subjected to SDS PAGE).