

# TPPP3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP5004b

#### **Product Information**

**Application** IHC-P, FC, WB, E

Primary Accession Q9BW30

Other Accession <u>Q5PPN5</u>, <u>Q9CRB6</u>, <u>Q3ZCC8</u>

**Reactivity** Human, Rat, Mouse

PredictedBovine, RatHostRabbitClonalityPolyclonalIsotypeRabbit IgGClone NamesRB22270Antigen Region117-146

## **Additional Information**

Other Names Tubulin polymerization-promoting protein family member 3, TPPP/p20, TPPP3

Target/Specificity This TPPP3 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 117-146 amino acids of human TPPP3.

**Dilution** IHC-P~~1:100~500 FC~~1:10~50 WB~~1:1000 E~~Use at an assay dependent

concentration.

**Format** Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

**Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions** TPPP3 Antibody (C-term) is for research use only and not for use in diagnostic

or therapeutic procedures.

#### **Protein Information**

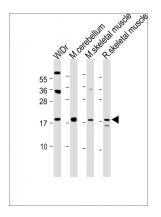
# **Background**

TPPP3 binds tubulin and has microtubule bundling activity. TPPP3 may play a role in cell proliferation and mitosis.

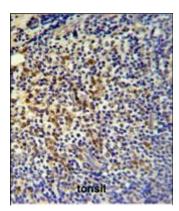
## References

Zhou, W., et al. Mol. Cell. Biochem. 333 (1-2), 91-98 (2010) Martins-de-Souza, D., et al. Eur Arch Psychiatry Clin Neurosci 259(3):151-163(2009) Vincze, O., et al. Biochemistry 45(46):13818-13826(2006)

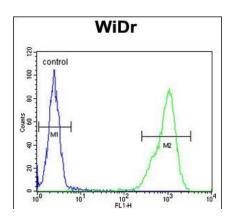
## **Images**



All lanes: Anti-TPPP3 Antibody (C-term) at 1:2000 dilution Lane 1: WiDr whole cell lysate Lane 2: Mouse cerebellum lysate Lane 3: Mouse skeletal muscle lysate Lane 4: Rat skeletal muscle lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 19 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



TPPP3 Antibody (C-term) (Cat. #AP5004b) IHC analysis in formalin fixed and paraffin embedded tonsil followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TPPP3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



TPPP3 Antibody (C-term) (Cat. #AP5004b) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

## **Citations**

- TPPP3 inhibits the proliferation, invasion and migration of endometrial carcinoma targeted with miR-1827
- Knockdown of Tubulin Polymerization Promoting Protein Family Member 3 inhibits cell proliferation and invasion in human colorectal cancer.
- Knockdown of Tubulin Polymerization Promoting Protein Family Member 3 Suppresses Proliferation and Induces Apoptosis in Non-Small-Cell Lung Cancer.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.