

Datasheet for ABIN651194
anti-TPPP3 antibody (AA 117-146)

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Overview

Quantity:	400 µL
Target:	TPPP3
Binding Specificity:	AA 117-146
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPPP3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This TPPP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 117-146 amino acids of human TPPP3.
Clone:	RB22270
Isotype:	IgG
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TPPP3
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Target Details

Alternative Name:	TPPP3 (TPPP3 Products)
Background:	TPPP3 binds tubulin and has microtubule bundling activity. TPPP3 may play a role in cell proliferation and mitosis.
Molecular Weight:	18985
Gene ID:	51673
NCBI Accession:	NP_057048 , NP_057224
UniProt:	Q9BW30

Application Details

Application Notes:	WB: 1:2000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

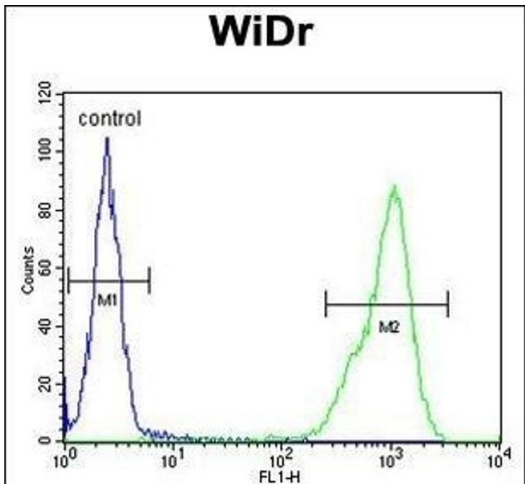
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in: Zhang, Song, Wang, Wang, Zeng, Zhai, Ma, Li, Liao, Wang, Zhen, Wang, Cao, Lin, Ning, Liu: "Nasal IL-4(+)CXCR5(+)CD4(+) T follicular helper cell counts correlate with local IgE production in eosinophilic nasal polyps." in: **The Journal of allergy and clinical immunology**, Vol. 137, Issue 2, pp. 462-73, (2016) ([PubMed](#)).

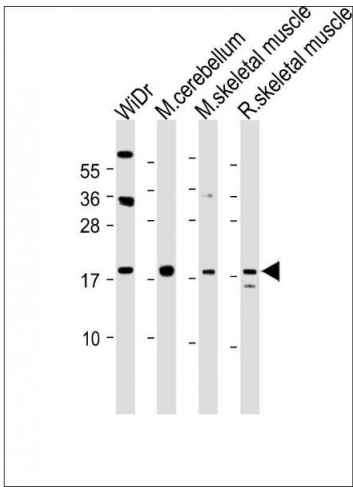
Zhong, Zhou, Wu, Guo, Tan, Zhang, Zhang, Geng, Pan, Luo, Zhang, Xu, Liu, Liu, Gao, Liu, Ren, Li,

Zhou, Zhang: "A SnoRNA-derived piRNA interacts with human interleukin-4 pre-mRNA and induces its decay in nuclear exosomes." in: **Nucleic acids research**, Vol. 43, Issue 21, pp. 10474-91, (2015) ([PubMed](#)).



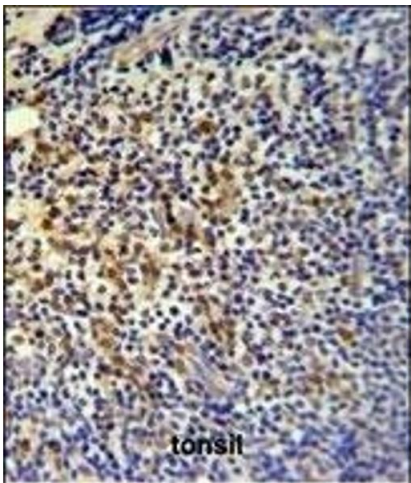
Flow Cytometry

Image 1. TP3 Antibody (C-term) (ABIN651194 and ABIN2840125) 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.



Western Blotting

Image 2. All lanes : Anti-TP3 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.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. TP3 Antibody (C-term) (ABIN651194 and ABIN2840125) 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 TP3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.