

TPPP2 Rabbit pAb

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Catalog # AP54934

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P59282
Predicted	Rat, Pig, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18503
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TPPP2
Epitope Specificity	31-130/170
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	122664
Other Names	Tubulin polymerization-promoting protein family member 2, Protein p25-beta {ECO:0000303 Ref.1}, TPPP/p18, TPPP2 {ECO:0000303 PubMed:30680919, ECO:0000312 HGNC:HGNC:19293}
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	TPPP2 {ECO:0000303 PubMed:30680919, ECO:0000312 HGNC:HGNC:19293}
Function	Probable regulator of microtubule dynamics required for sperm motility (Probable). In contrast to other members of the family, has no microtubule bundling activity (PubMed: 17105200).
Cellular Location	Cytoplasm, cytosol. Cell projection, cilium, flagellum

{ECO:0000250|UniProtKB:Q0P5Y3} Note=Present in the middle piece of sperm tail {ECO:0000250|UniProtKB:Q0P5Y3}

Tissue Location

Expressed in spermatids (PubMed:23436708). Detected in liver cancer (at protein level) (PubMed:23436708)

Background

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