

## ARG65293 anti-TPPP / p25 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes TPPP / p25
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TPPP / p25
Species	Human
Immunogen	C-DPSKDRAAKRLSLES
Conjugation	Un-conjugated
Alternate Names	TPPP1; TPPP; p25-alpha; p25; p24; Tubulin polymerization-promoting protein; 25 kDa brain-specific protein; p25alpha; TPPP/p25

### Application Instructions

Application table	Application	Dilution
	IHC-P	1 - 4 µg/ml
	WB	0.001 - 0.01 µg/ml
Application Note	<p>WB: Recommend incubate at RT for 1h.</p> <p>IHC-P: Antigen Retrieval: Microwaved or steamed tissue section in Citrate buffer (pH 6.0).</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>	

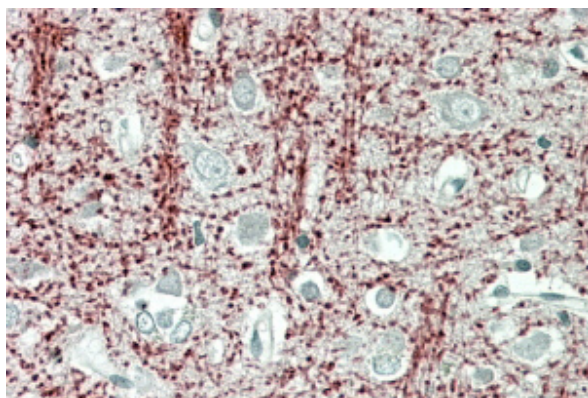
### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

## Bioinformation

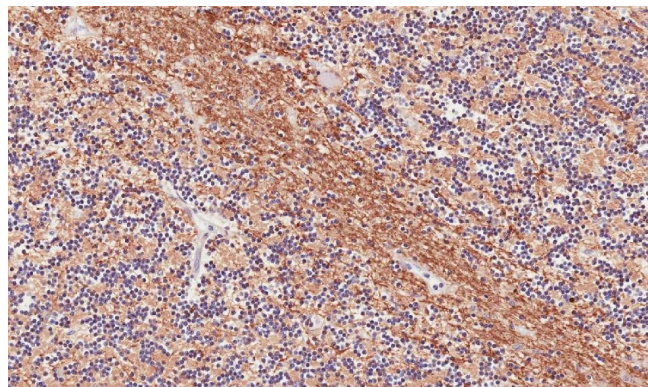
Database links	<a href="#">GeneID: 11076 Human</a> <a href="#">GeneID: 72948 Mouse</a> <a href="#">Swiss-port # O94811 Human</a> <a href="#">Swiss-port # Q7TQD2 Mouse</a>
Gene Symbol	TPPP
Gene Full Name	tubulin polymerization promoting protein
Function	May play a role in the polymerization of tubulin into microtubules, microtubule bundling and the stabilization of existing microtubules, thus maintaining the integrity of the microtubule network. May play a role in mitotic spindle assembly and nuclear envelope breakdown. [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	24 kDa
PTM	Poor substrate for GSK3 (By similarity). Phosphorylated by LIMK1 on serine residues. Phosphorylation may alter the tubulin polymerization activity.

## Images



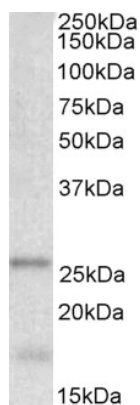
ARG65293 anti-TPPP / p25 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cerebral cortex (steamed antigen retrieval with citrate buffer pH 6.0) stained with ARG65293 anti-TPPP / p25 antibody at 3.8 µg/ml dilution followed by AP-staining.



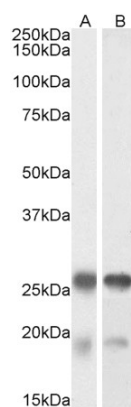
ARG65293 anti-TPPP / p25 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cerebellum tissue. Antigen Retrieval: Microwaved tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG65293 anti-TPPP / p25 antibody at 2 µg/ml dilution followed by HRP-staining.



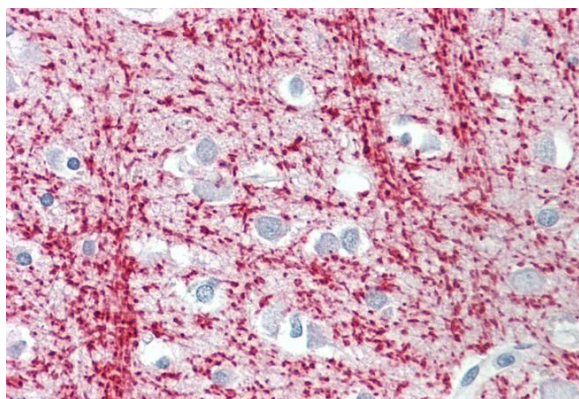
#### ARG65293 anti-TPPP / p25 antibody WB image

Western blot: 35 µg of Human cerebellum lysate (in RIPA buffer) stained with ARG65293 anti-TPPP / p25 antibody at 0.001 µg/ml dilution and incubated at RT for 1 hour.



#### ARG65293 anti-TPPP / p25 antibody WB image

Western blot: 35 µg of Mouse (A) and Rat (B) brain lysate (in RIPA buffer) stained with ARG65293 anti-TPPP / p25 antibody at 0.001 µg/ml dilution and incubated at RT for 1 hour.



#### ARG65293 anti-TPPP / p25 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG65293 anti-TPPP / p25 antibody at 3.75 µg/ml dilution followed by AP-staining.