

# GOAT ANTI-TPPP/P25 ANTIBODY

**SKU:** EB09800



250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

## SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage Instructions** Aliquot and store at -20°C. Minimize freezing and thawing.

**Synonym / Alias Names** TPPP|tubulin polymerization-promoting protein|tubulin polymerization promoting protein|TPPP1|TPPP/p25|p25alpha|p25|p24|glycogen synthase kinase 3 (GSK3) inhibitor p24|brain specific protein p25 alpha

**Usage Summary** <strong>Additional validation:</strong> This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.

**Accession ID** NP\_008961.1

**Blocking Peptide** EBP09800

**Immunogen** Peptide with sequence C-DPSKDRAAKRLSLES, from the internal region of the protein sequence according to NP\_008961.1.

**Peptide Sequence** C-DPSKDRAAKRLSLES

**Purification Method** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**Shipping Instructions** Refrigerated

**Predicted Species** Human

**Reactive Species** Human, Mouse, Rat

**Human Gene ID** 11076

**Mouse Gene ID** 72948

**Rat Gene ID** 361466

**Product Grade** [https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\\_medium.png](https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png)

**IHC Results** In paraffin embedded Human Cerebellum shows strong staining of axonal bundles through the granular layer. Recommended concentration: 1-2µg/ml. Paraffin embedded Human Cortex. Recommended concentration: 3.75µg/ml.

**ELISA Detection Limit** Antibody detection limit dilution 1:32000.

**Western  
Blot**

Approx 26kDa band observed in Human Brain (Cerebellum), Mouse and Rat Brain lysates (calculated MW of 23.7kDa according to NP\_008961.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Acevedo et al, Exp Cell Res. 2007 Dec 10;313(20):4091-106; PMID: 18028908). Recommended concentration: 0.001-0.01µg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed at 17kDa. This band was successfully blocked by incubation with the immunizing peptide.

**Application  
Type**

Pep-ELISA, WB, IHC

## SELECTED REFERENCES

[{"pmid": 30377371, "intro": "**This antibody has been successfully used in the following paper:**", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

