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## **GOAT ANTI-TPPP/P25 ANTIBODY**

**SKU:** EB09800



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250kDa 150kDa 100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

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## **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 / TPPP|tubulin polymerization-promoting protein|tubulin polymerization promoting

**Alias** protein|TPPP1|TPPP/p25|p25alpha|p25|p24|glycogen synthase kinase 3 (GSK3) inhibitor p24|brain specific

Names protein p25 alpha

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

Accession

NP\_008961.1

**Blocking** 

ID

**Peptide** 

EBP09800

Peptide with sequence C-DPSKDRAAKRLSLES, from the internal region of the protein sequence according to **Immunogen** 

NP 008961.1.

**Peptide** 

Sequence

C-DPSKDRAAKRLSLES

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Instructions

Refrigerated

**Predicted** 

**Species** 

Human

Reactive

Human, Mouse, Rat **Species** 

Human

11076 Gene ID

Mouse

72948 Gene ID

**Rat Gene ID** 361466

**Product** 

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite medium.png Grade

In paraffin embedded Human Cerebellum shows strong staining of axonal bundles through the granular layer.

IHC Results Recommended concentration: 1-2µg/ml. Paraffin embedded Human Cortex. Recommended concentration:

 $3.75 \mu g/ml$ .

**ELISA** 

**Detection** 

Antibody detection limit dilution 1:32000.

Limit





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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

of unknown identity was also consistently observed at 1/kDa. This band was successfully blocked

incubation with the immunizing peptide.

Application Type

Western

Blot

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"}]

## **GALLERY IMAGES**



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100kDa	100kDa
75kDa	75kDa
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37kDa	50kDa
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