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GOAT ANTI-TUBB3 ANTIBODY

SKU: EB11685

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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 / Alias Names	tubulin, beta 3|tubulin beta-III|tubulin beta-4 chain|tubulin beta-3 chain|TUBB4|TUBB3|OTTHUMP00000176846|class III beta-tubulin|CFEOM3A|CDCBM|beta-4
Accession ID	NP_006077.2
Blocking Peptide	EBP11685
Immunogen	Peptide with sequence C-DPSGNYVGDSD, from the internal region (near N terminus) of the protein sequence according to NP_006077.2.
Product Comments	This antibody is expected to recognize isoform 1 (NP_006077.2) only.
Peptide Sequence	C-DPSGNYVGDSD
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, Mouse, Rat, Pig, Cow
Reactive Species	Human
Human Gene ID	10381
Mouse Gene ID	22152
Rat Gene ID	246118
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:1000.
Western Blot	Approx 52kDa band observed in lysates of cell line HepG2 (calculated MW of 50.4kDa according to NP_006077.2). Recommended concentration: 1-3µg/ml.
Application Type	Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 37382163, "intro": "**This antibody has been successfully used in the following paper:**", "title": "DOT1L activity affects neural stem cell division mode and reduces differentiation and ASNS expression.", "author": "Bismark Appiah et al.", "journal": "EMBO Rep. 2023 Aug; 24(8): e56233."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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