

## Goat anti-TUBB3 Antibody

Item Number	dAP-2706
Target Molecule	Principle Name: TUBB3; Official Symbol: TUBB3; All Names and Symbols: TUBB3; tubulin, beta 3; CDCBM; CFEOM3A; TUBB4; beta-4; OTTHUMP00000176846; class III beta-tubulin; tubulin beta-3 chain; tubulin beta-4 chain; tubulin beta-III; Accession Number (s): NP_006077.2; Human Gene ID(s): 10381; Non-Human GenelD(s): 22152 (mouse) 246118 (rat)
Immunogen	DPSGNYVGDSD, is from internal region (near N terminus) This antibody is expected to recognize isoform 1 (NP_006077.2) only.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 1000.
Western Blot	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.
IHC	
Reference	Reference(s): Hetland TE, Hellesylt E, Flørenes VA, Tropé C, Davidson B, Kærn J. Class III $\beta$ -tubulin expression in advanced-stage serous ovarian carcinoma effusions is associated with poor survival and primary chemoresistance. Hum Pathol. 2011 Jul;42(7):1019-26.. PMID: 21315408->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**