

Rabbit anti-Human beta-III Tubulin/TUBB3 Polyclonal Antibody | anti-TUBB3 antibody

Anti-beta-III Tubulin/TUBB3 Antibody, Rabbit Polyclonal

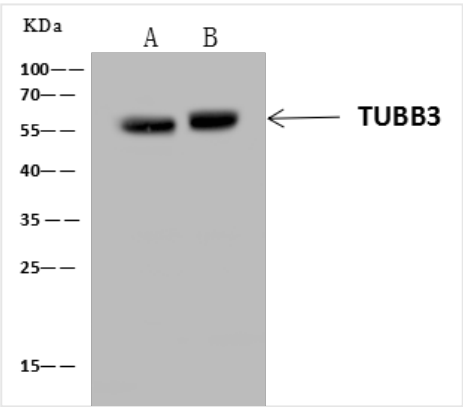
CATALOG # AAA258759	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

beta-III Tubulin/TUBB3; Polyclonal Antibody; Anti-beta-III Tubulin/TUBB3 Antibody; Rabbit Polyclonal; tubulin; beta 3 class III; Anti-beta-4 Antibody; Anti-CDCBM Antibody; Anti-CDCBM1 Antibody; Anti-CFEOM3 Antibody; Anti-CFEOM3A Antibody; Anti-FEOM3 Antibody; Anti-TUBB4 Antibody; anti-TUBB3 antibody

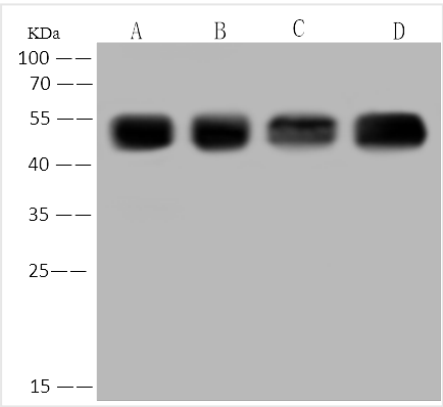
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human beta-III Tubulin/TUBB3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-TUBB3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human TUBB3/beta III Tubulin
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human TUBB3/beta III Tubulin, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles



IP (Immunoprecipitation)

TUBB3 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate; Lane B: 0.5 mg HepG2 Whole Cell Lysate; 4 uL anti-TUBB3 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-TUBB3 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 50 kDa. Observed band size: 55 kDa.



WB (Western Blot)

Anti-beta-III Tubulin/TUBB3 rabbit polyclonal antibody at 1:1000 dilution. Lane A: HeLa Whole Cell Lysate; Lane B: HepG2 Whole Cell Lysate; Lane C: KEK293 Whole Cell Lysate; Lane D: A549 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 50 kDa. Observed band size: 55 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBB3 antibody

The overexpression of TUBB3 could be related to reduced efficiency of taxane-based targeting anticancer drugs in several cancer types. TUBB3 serves as an independent prognostic marker and may be a valuable biomarker for routine application in esophageal adenocarcinoma especially to address the need for adjuvant treatment in individuals following neoadjuvant therapy and surgery. TUBB3 is of clinical relevance as overexpression has been linked to poor response to microtubule-targeting anti-cancer drugs such as taxanes. Mutations in TUBB3 have been associated with complex cortical dysplasia and other brain malformations and congenital fibrosis of extraocular muscles type 3A (CFEOM3A). The direct silencing of TUBB3 reverses induced multiple cross-resistance, reduces drug-resistant tumor mass, and suppresses the impaired microtubule stability status of PTX-resistant cells with transient cross-resistance.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/beta-iii-tubulin-tubb3-antibody-immunoprecipitation-western-blot-elisa/258759>