

Rabbit anti-Human TUBA1B Polyclonal Antibody | anti-TUBA1B antibody

Anti-TUBA1B Antibody, Rabbit Polyclonal

CATALOG # AAA256958	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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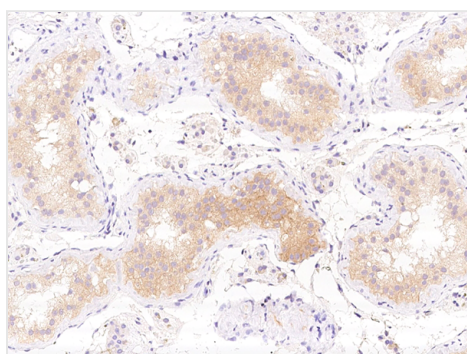
PRODUCT SYNONYMS

TUBA1B; Polyclonal Antibody; Anti-TUBA1B Antibody; Rabbit Polyclonal; TUBA1B Antibody; Rabbit PAb; Antigen Affinity Purified; tubulin; alpha 1b; Anti-K-ALPHA-1 Antibody; anti-TUBA1B antibody

PRODUCT SPECIFICATIONS

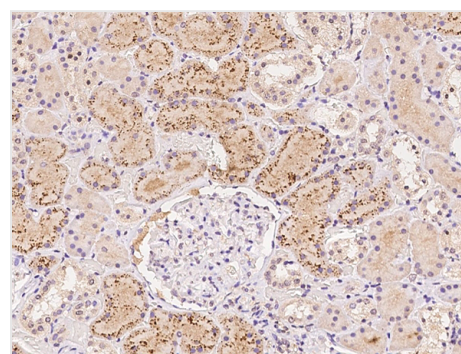
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TUBA1B
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TUBA1B antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human TUBA1B fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human TUBA1B fragment, 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. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human TUBA1B in human testis with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human TUBA1B in human kidney with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBA1B antibody	TUBA1B (Tubulin Alpha 1b) is a Protein Coding gene. The TUBA1B gene, located on 12q13.12, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, chicken, zebrafish, C.elegans, and frog. TUBA1B belongs to the tubulin family. 2 alternatively spliced human isoforms have been reported. Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain. TUBA1B is widely expressed in the brain, bone marrow, and other tissues. Diseases associated with TUBA1B include Kenny-Caffey Syndrome and Interstitial Nephritis, Karyomegalic. Among its related pathways are Neuroscience and Cell cycle_Spindle assembly and chromosome separation.
References	Lu C, et al. (2013) Increased alpha-tubulin1b expression indicates poor prognosis and resistance to chemotherapy in hepatocellular carcinoma. Dig Dis Sci 58 (9): 2713-2720. Laurin Y, et al. (2017) Mobility and core-protein binding patterns of disordered c-terminal tails in beta-tubulin isoforms. Biochemistry 56 (12): 1746-1756. Kruger M, et al. (2016) New potential peptide therapeutics perturbing ck1delta/alpha-tubulin interaction. Cancer Lett 375 (2): 375-383.

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://www.aaabiotech.com/polyclonal/tuba1b-antibody-immunohistochemistry-elisa/256958>