

Rabbit Tubulin alpha-1B/K-alpha-1 Polyclonal Antibody | anti-K-alpha-1 antibody

Tubulin alpha-1B/K-alpha-1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28396	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

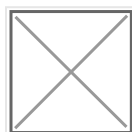
PRODUCT SYNONYMS

Tubulin alpha-1B/K-alpha-1; Polyclonal Antibody; Tubulin alpha-1B/K-alpha-1 Rabbit pAb; TUBA1B; K-ALPHA-1; anti-K-alpha-1 antibody

PRODUCT SPECIFICATIONS

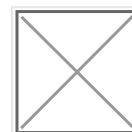
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MRECISIHVG QAGVQIGNAC WELYCLEHGI QPDGQMPSDK TIGGGDDSFN TFFSETGAGK HVPRAVFVDL EPTVIDEVRT GTYRQLFHPE QLITGKEDAA NNYARGHYTI GKEIDLVLDRIRKLADQCT GLQGFLVFHS FGGGTGSQFT SLLMERLSVD YGKKSLEFS IYPAPQVSTA VPEPYNILT THTLEHSDC AFMVDNEAIY DICRRNLIDIE RPTYTNLNLRL ISQIVSSITA SLRFDGALNV DLTEFQTNLV PYPRIHFPLA TYAPVISA EK AYHEQLSVAE ITNACFEPAN QMVKCDPRHG KYMACCLLYR GDVVPKDVNA AIATIKTKRS IQFVDWCPTG FKVGINYQPP TVVPGGDLAK VQRAVCMLSN TTAIAEAWAR LDHKFDLMYA KRAVHWYVYG EGMEEGEFSE AREDMAALEK DYEEVGVDSE EGE GEEGEE Y
Applicable Applications for anti-K-alpha-1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-451 of human Tubulin alpha-1B/K-alpha-1 (NP_006073.2).
Cellular Location	Cytoplasm, cytoskeleton
Positive Samples	HeLa, PC-12, A-549, U-251MG, Mouse brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



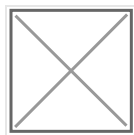
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using Tubulin alpha-1B/K-alpha-1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using Tubulin alpha-1B/K-alpha-1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



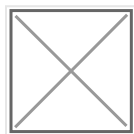
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using Tubulin alpha-1B/K-alpha-1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



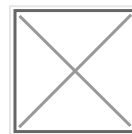
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat kidney using Tubulin alpha-1B/K-alpha-1 antibody at dilution of 1:50 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse spleen using Tubulin alpha-1B/K-alpha-1 antibody at dilution of 1:50 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Tubulin alpha-1B/K-alpha-1 antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-K-alpha-1 antibody	Background: 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.
Product Categories/Family for anti-K-alpha-1 antibody	Cell Biology & Developmental Biology ; Cell Cycle ; Centrosome ; Research ; Cell Biology & Developmental Biology ; Cytoskeleton ; Microtubules ; Other Antibody Type

NCBI AND UNIPROT INFORMATION

NCBI GI #	55977474
NCBI GeneID	10376
UniProt Accession #	P68363; P04687; P05209; Q27168; Q8WU19
Molecular Weight	37,218 Da
NCBI Official Full Name	Tubulin alpha-1B chain
NCBI Official Synonym Full Names	tubulin, alpha 1b
NCBI Official Symbol	TUBA1B
NCBI Official Synonym Symbols	K-ALPHA-1
NCBI Protein Information	tubulin alpha-1B chain; alpha tubulin; tubulin K-alpha-1; alpha-tubulin ubiquitous; tubulin, alpha, ubiquitous; tubulin alpha-ubiquitous chain
UniProt Protein Name	Tubulin alpha-1B chain
UniProt Gene Name	TUBA1B
UniProt Entry Name	TBA1B_HUMAN

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/tubulin-alpha-1b-k-alpha-1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/28396>