

Rabbit Alpha-tubulin 4a Monoclonal Antibody | anti-TUBA4A antibody

Anti-Alpha-tubulin 4a Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265634	Rabbit	Human, Mouse, Rat, Hamster	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

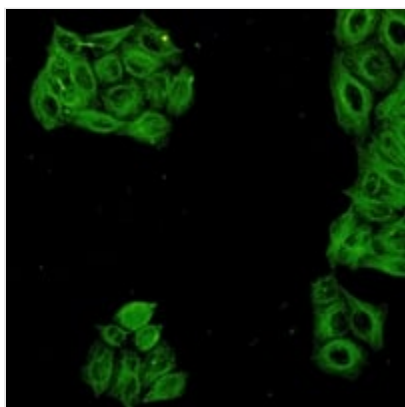
PRODUCT SYNONYMS

Alpha-tubulin 4a; Monoclonal Antibody; Anti-Alpha-tubulin 4a Antibody; anti-TUBA4A antibody

PRODUCT SPECIFICATIONS

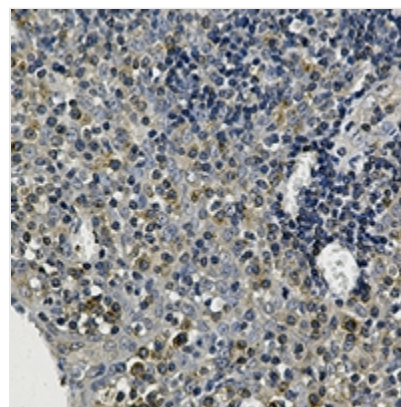
Host	Rabbit
Reactivity	Human, Mouse, Rat, Hamster
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Alpha-tubulin 4a protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 50mM Tris-Glycine (pH7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Applicable Applications for anti-TUBA4A antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human alpha Tubulin
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



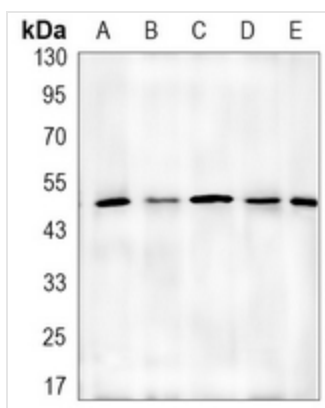
IF (Immunofluorescence)

Immunofluorescent analysis of Alpha-tubulin 4a staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Alpha-tubulin 4a staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.118). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Alpha-tubulin 4a expression in mouse brain (A), NIH3T3 (B), HeLa (C), CHOK1 (D), rat brain (E) whole cell lysates. (Predicted band size: 50 kD; Observed band size: 50 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-TUBA4A antibody	Rabbit monoclonal antibody to Alpha-tubulin 4a
Product Categories/Family for anti-TUBA4A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	55977476
NCBI GeneID	7277
UniProt Accession #	P68366; P68368; Q5XIF6
Molecular Weight	448
NCBI Official Full Name	Tubulin alpha-4A chain
NCBI Official Synonym Full Names	tubulin, alpha 4a
NCBI Official Symbol	TUBA4A
NCBI Official Synonym Symbols	TUBA1; H2-ALPHA
NCBI Protein Information	tubulin alpha-4A chain; tubulin H2-alpha; tubulin alpha-1 chain; tubulin, alpha 1 (testis specific)
UniProt Protein Name	Tubulin alpha-4A chain
UniProt Gene Name	TUBA4A
UniProt Synonym Gene Names	TUBA1
UniProt Entry Name	TBA4A_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/monoclonal/alpha-tubulin-4a-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/265634>