

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

Anti-Alpha-tubulin 4a Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262066	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

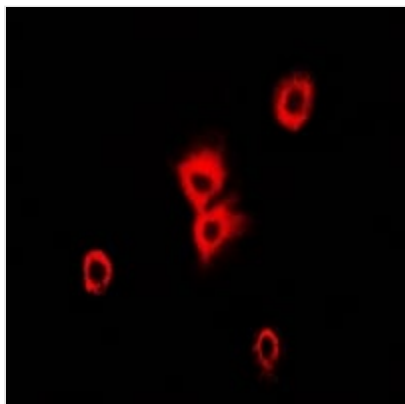
PRODUCT SYNONYMS

Alpha-tubulin 4a; Polyclonal Antibody; Anti-Alpha-tubulin 4a Antibody; TUBA1; Tubulin alpha-4A chain; Alpha-tubulin 1; Testis-specific alpha-tubulin; Tubulin H2-alpha; Tubulin alpha-1 chain; anti-TUBA4A antibody

PRODUCT SPECIFICATIONS

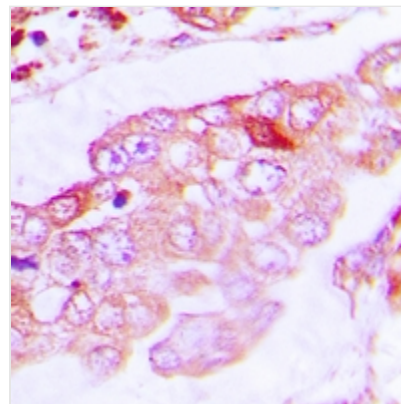
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Alpha-tubulin 4a protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	433
Applicable Applications for anti-TUBA4A antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human Alpha-tubulin 4a
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



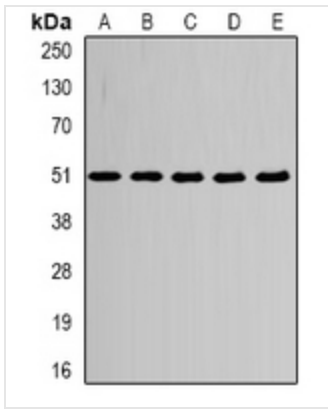
IF (Immunofluorescence)

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 DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Alpha-tubulin 4a staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). 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 HepG2 (A), MCF7 (B), mouse heart (C), mouse brain (D), PC12 (E) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBA4A antibody	Rabbit polyclonal antibody to Alpha-tubulin 4a
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NCBI AND UNIPROT INFORMATION

NCBI GI #	514052659
NCBI GeneID	7277
NCBI Accession #	NP_001265481.1
NCBI GenBank Nucleotide #	NM_001278552.1
UniProt Accession #	P68366; P05215; A8MUB1; B3KNQ6
Molecular Weight	48,329 Da
NCBI Official Full Name	tubulin alpha-4A chain isoform 2
NCBI Official Synonym Full Names	tubulin alpha 4a
NCBI Official Symbol	TUBA4A
NCBI Official Synonym Symbols	ALS22; TUBA1; H2-ALPHA
NCBI Protein Information	tubulin alpha-4A chain
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/polyclonal/alpha-tubulin-4a-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/262066>