

Rabbit anti-Human Tubulin alpha 1A Polyclonal Antibody | anti-TUBA1A antibody

Tubulin alpha 1A antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305132	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Tubulin alpha 1A; Polyclonal Antibody; Tubulin alpha 1A antibody; anti-TUBA1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	451
Applicable Applications for anti-TUBA1A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 37 and 286 of Tubulin alpha 1A
Target Name	Tubulin alpha 1A
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed A431, using Tubulin alpha 1A antibody at 1: 200 dilution.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded SAS xenograft, using alpha Tubulin 1A antibody at 1: 500 dilution.



WB (Western Blot)

Sample (30 ug of whole cell lysate): A: HeLa; B: Hep G2; C: Molt-4; 10% SDS PAGE. Primary antibody diluted at 1: 10000

ADDITIONAL INFORMATION

Related Product Information for anti-TUBA1A antibody	Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulins. The genes encoding these microtubule constituents belong to the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes, which are highly conserved among species. This gene encodes alpha tubulin and is highly similar to mouse and rat Tuba1 gene. Northern blotting studies have shown that the gene expression is predominantly found in morphologically differentiated neurologic cells. This gene is one of three alpha-tubulin genes in a cluster on chromosome 12q. [provided by RefSeq]
Product Categories/Family for anti-TUBA1A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	17986283
NCBI GeneID	7846
NCBI Accession #	NP_006000
NCBI GenBank Nucleotide #	NM_006009.3
Molecular Weight	Predicted MW: 50kd
NCBI Official Full Name	tubulin alpha-1A chain isoform 1
NCBI Official Synonym Full Names	tubulin, alpha 1a
NCBI Official Symbol	TUBA1A
NCBI Official Synonym Symbols	LIS3; TUBA3; B-ALPHA-1
NCBI Protein Information	tubulin alpha-1A chain
UniProt Protein Name	Tubulin alpha-1A chain
UniProt Gene Name	TUBA1A
UniProt Synonym Gene Names	TUBA3
UniProt Entry Name	TBA1A_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-1a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/305132>