

Rabbit anti-Human, Mouse TUBA4A Polyclonal Antibody | anti-TUBA4A antibody

TUBA4A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232754	Rabbit	Human, Mouse	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	433
Applicable Applications for anti-TUBA4A antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Tubulin alpha-4A chain protein (20-183AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-31779
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitating TUBA4A in K562 whole cell lysate Lane 1: Rabbit monoclonal IgG(1ug) instead of AAA232754 in K562 whole cell lysate. For western blotting, a HRP-conjugated light chain specific antibody was used as the Secondary antibody (1/50000) Lane 2: AAA232754(4ug)+ K562 whole cell lysate(500ug) Lane 3: K562 whole cell lysate (20ug)



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA232754 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using AAA232754 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA232754 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: NIH/3T3 whole cell lysate, K562 whole cell lysate, Mouse brain tissue. All lanes: TUBA4A antibody at 3ug/ml. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 50,49 kDa. Observed band size: 50,24 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBA4A antibody

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.

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/tuba4a-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/232754>