

Rabbit anti-Human, Mouse alpha-Tubulin Polyclonal Antibody | anti-TUBA1A antibody

Rabbit anti-alpha-Tubulin Antibody, Affinity Purified

CATALOG # AAA213426	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
-------------------------------	-----------------------	-----------------------------------	--

PRODUCT SYNONYMS

alpha-Tubulin; Polyclonal Antibody; Rabbit anti-alpha-Tubulin Antibody; Affinity Purified; tubulin alpha-1A chain; hum-a-tub1; tubulin; alpha; brain-specific; tubulin B-alpha-1; tubulin alpha-3 chain; Alpha-tubulin 3; hum-a-tub2; B-ALPHA-1; TUBA3; LIS3; Tubulin alpha-1A chain; tubulin alpha 1a; anti-TUBA1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TUBA1A antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, D. melanogaster, X. laevis, X. tropicalis, Chicken, Bovine, Pig, Chimpanzee
Immunogen	Between 175 and 225
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of mouse TUBA1A by western blot. Samples: Whole cell lysate (10 ug) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-TUBA1A antibody (AAA213426 lot 2) used for WB at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



WB (Western Blot)

Detection of human TUBA1A by western blot. Samples: Whole cell lysate (10 ug) from HeLa, HEK293T, Jurkat, Hep-G2, and MCF-7 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-TUBA1A antibody (AAA213426 lot 2) used for WB at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IP (Immunoprecipitation)

Detection of human TUBA1A by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-TUBA1A antibody (AAA213426 lot 2) used for IP at 1 ug per reaction. TUBA1A was also immunoprecipitated by a previous lot of this antibody (AAA213426 lot 1) and another antibody against a different epitope of TUBA1A (BL18511). For blotting immunoprecipitated TUBA1A, AAA213426 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBA1A antibody	alpha-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. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q71U36].
Product Categories/Family for anti-TUBA1A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	7846
UniProt Accession #	Q71U36
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/alpha-tubulin-antibody-immunoprecipitation-western-blot-elisa/213426>