Rabbit TUBA1C Polyclonal Antibody | anti-TUBA1C antibody

TUBA1C Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287114	**Rabbit**	**Human, mouse, rat (Predicted Reactivity: Xenopus)**	**Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

TUBA1C; Polyclonal Antibody; TUBA1C Antibody (C-term); Tubulin alpha-1C chain; Alpha-tubulin 6; Tubulin alpha-6 chain; TUBA6; anti-TUBA1C antibody

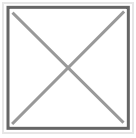
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat (Predicted Reactivity: Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TUBA1C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 414-441 amino acids from the C-terminal region of human TUBA1C.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.43 (varies by lot)
Sequence Positions	414-441
Sequence Length	449
Applicable Applications for anti-TUBA1C antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IHC (Immunohistochemisry)
TUBA1C Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of TUBA1C Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

WB (Western Blot)
TUBA1C Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the TUBA1C antibody detected the TUBA1C protein (arrow).



WB (Western Blot)
Western blot analysis of lysates from mouse liver and rat testis tissue lysate (from left to right), using TUBA1C Antibody (C-term). AAA287114 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBA1C 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.
Product Categories/Family for anti-TUBA1C antibody	Signal Transduction; Phospho Antibodies
References	Frum, R., et al. J. Proteome Res. 6(4):1410-1417(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006) Guo, D., et al. Biochem. Biophys. Res. Commun. 337(4):1308-1318(2005) Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	14389309
NCBI GeneID	84790
NCBI Accession #	NP_116093.1
NCBI GenBank Nucleotide #	NM_032704.4
UniProt Accession #	Q9BQE3
Molecular Weight	49895
NCBI Official Full Name	tubulin alpha-1C chain isoform c
NCBI Official Synonym Full Names	tubulin, alpha 1c
NCBI Official Symbol	TUBA1C
NCBI Official Synonym Symbols	TUBA6; bcm948
NCBI Protein Information	tubulin alpha-1C chain
UniProt Protein Name	Tubulin alpha-1C chain
UniProt Gene Name	**TUBA1C**
UniProt Synonym Gene Names	TUBA6
UniProt Entry Name	TBA1C_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/tuba1c-antibody-immunohistochemistry-western-blot-elisa/287114