

Rabbit beta I Tubulin Polyclonal Antibody | anti-TUBB1 antibody

beta I Tubulin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323653	Rabbit	Human, Mouse, Rat, Bovine, Dog, Monkey	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

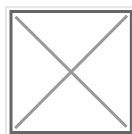
PRODUCT SYNONYMS

beta I Tubulin; Polyclonal Antibody; beta I Tubulin Antibody; 2810484G07Rik; Beta tubulin 1; class VI; Class VI beta tubulin; dJ543J19.4; M(beta)1; TBB1_HUMAN; TUBB1; Tubulin beta 1 class VI; Tubulin beta-1 chain; Tubulin; beta 1; tubulin; beta1; anti-TUBB1 antibody

PRODUCT SPECIFICATIONS

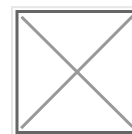
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Dog, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	beta I Tubulin antibody detects endogenous levels of total beta I Tubulin
Purity/Purification	Peptide affinity purification
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	451
Applicable Applications for anti-TUBB1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human beta I Tubulin, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA323653 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IHC (Immunohistochemistry)

AAA323653 at 1/100 staining Human colorectal cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IF (Immunofluorescence)

AAA323653 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA323653 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



WB (Western Blot)

Western blot analysis of beta I Tubulin using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-TUBB1 antibody

Function: 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 (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	13562114
NCBI GeneID	81027
NCBI Accession #	NP_110400.1
NCBI GenBank Nucleotide #	NM_030773.3
UniProt Accession #	Q9H4B7
Molecular Weight	50 kDa
NCBI Official Full Name	tubulin beta-1 chain
NCBI Official Synonym Full Names	tubulin beta 1 class VI
NCBI Official Symbol	TUBB1
NCBI Protein Information	tubulin beta-1 chain
UniProt Protein Name	Tubulin beta-1 chain
UniProt Gene Name	TUBB1

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/beta-i-tubulin-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323653>