

Rabbit anti-Human TBB1 Polyclonal Antibody | anti-TUBB1 antibody

TBB1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288123	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

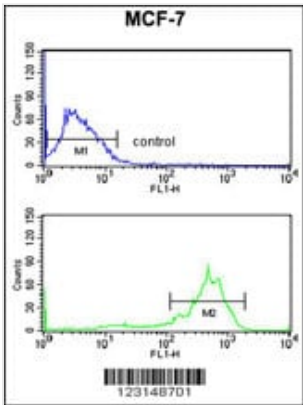
PRODUCT SYNONYMS

TBB1; Polyclonal Antibody; TBB1 Antibody; Tubulin beta-1 chain; TUBB1; anti-TUBB1 antibody

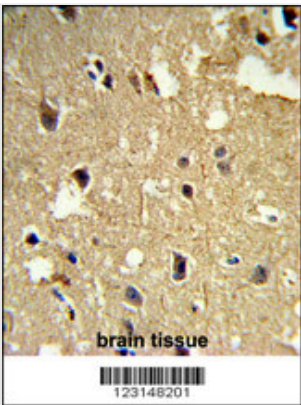
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TBB1 antibody is generated from rabbits immunized with human TBB1 recombinant protein.
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: 0.5 (varies by lot)
Sequence Length	451
Applicable Applications for anti-TUBB1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
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.

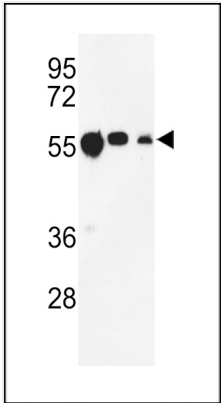
IMAGES



FCM/FACS (Flow Cytometry)
TBB1 Antibody flow cytometry analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with TBB1 Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of TBB1 Antibody in CEM, MCF-7, MDA-MB231 cell line lysates (35ug/lane). TBB1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBB1 antibody	The tubulin family of globular proteins has several members, the most common of which are α -tubulin and β -tubulin; proteins which make up microtubules of the cytoskeltons of probably all eukaryotic cells. Except in the simplest eukaryotes, tubulin (100 kDa) exists in all cells as a heterodimer of two similar but non-identical polypeptides (55 kDa each), designated alpha and beta. Within either family of alpha/beta tubulin heterodimers, individual subunits diverge from each other (both within and across species) at less than 10% of the amino acid positions. The most extreme diversity is localized to the carboxyl-terminal 15 residues. Delta (d) and epsilon (e) tubulin have been found to localize at centrioles and may play a role in forming the mitotic spindle during mitosis, though neither is as well-studied as the α - and β forms.
Product Categories/Family for anti-TUBB1 antibody	Signal Transduction
References	Rogowski K., et.al., Cell 137:1076-1087(2009).

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	50327
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
UniProt Entry Name	TBB1_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://www.aaabiotech.com/polyclonal/tbb1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288123>