

Rabbit beta Tubulin 4 Polyclonal Antibody | anti-betaTub56D antibody

beta Tubulin 4 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA107638	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence

PRODUCT SYNONYMS

beta Tubulin 4; Polyclonal Antibody; beta Tubulin 4 antibody; Polyclonal beta Tubulin 4; Anti-beta Tubulin 4; tubulin beta-4A chain; tubulin beta 4; TUBB4; TUBB5; beta Tubulin -4; tubulin beta 4 class IVa; beta-5; tubulin beta-4 chain; tubulin 5 beta; tubulin beta 5; class IVa beta-tubulin; anti-betaTub56D antibody

PRODUCT SPECIFICATIONS

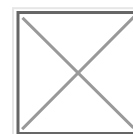
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	beta Tubulin 4 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.41 mg/ml (varies by lot)
Sequence Length	456
Applicable Applications for anti-betaTub56D antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	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.
Immunogen	Recombinant protein encompassing a sequence within the center region of human beta Tubulin 4.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



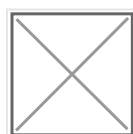
IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed U2OS, using beta Tubulin 4 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A:293T) using a 7.5 % SDS PAGE gel and beta Tubulin 4 antibody at a dilution of 1:1000



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: NIH-3T3) using a 10 % SDS PAGE gel and beta Tubulin 4 antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-betaTub56D antibody	Affinity purified Rabbit polyclonal beta Tubulin 4 antibody
Product Categories/Family for anti-betaTub56D antibody	Cell Biology; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	24655741
NCBI GeneID	37238
NCBI Accession #	NP_725896.1
NCBI GenBank Nucleotide #	NM_166356.1
UniProt Accession #	Q24560; Q53YG6; Q9V8V4
Molecular Weight	50 kDa
NCBI Official Full Name	beta-Tubulin at 56D, isoform A
NCBI Official Synonym Full Names	beta-Tubulin at 56D
NCBI Official Symbol	betaTub56D
NCBI Official Synonym Symbols	1t; A1ZBL0_DROME; B1t; beta; BETA 56D; beta-tub; beta-Tub; beta-Tub56D; beta-tubulin56D; beta1; beta1-tub; beta1-Tubulin; beta1t; beta1tub; beta1Tub; beta56D; betaTub; betatub(56D); betaTub1; beta[[1]] tubulin; beta[[1]]-tubulin; CG9277; Dmbeta1; DmelCG92
NCBI Protein Information	CG9277 gene product from transcript CG9277-RB
UniProt Protein Name	Tubulin beta-1 chain
UniProt Gene Name	betaTub56D
UniProt Entry Name	TBB1_DROME

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/beta-tubulin-4-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/107638>