

Rabbit beta-Tubulin Antibody | anti-beta-Tubulin antibody

beta-Tubulin Polyclonal Antibody

CATALOG # AAA36659	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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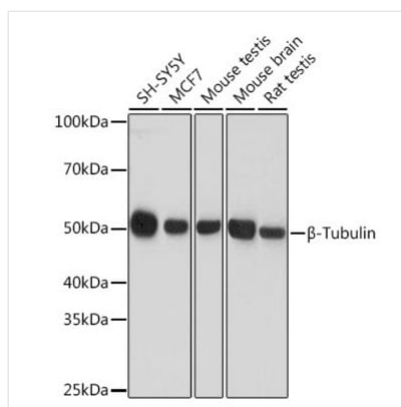
PRODUCT SYNONYMS

beta-Tubulin; beta-Tubulin Polyclonal Antibody; CDCBM6; CSCSC1; M40; OK/SW-cl.56; TUBB1; TUBB5; Beta Tubulin; TUBB; Beta-Tubulin; anti-beta-Tubulin antibody

PRODUCT SPECIFICATIONS

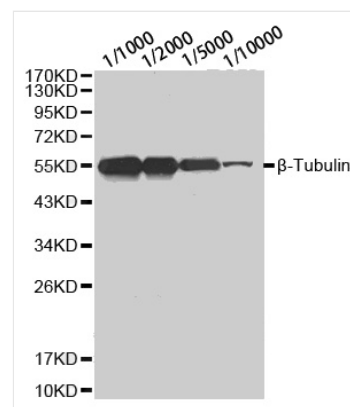
Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-beta-Tubulin antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 40-260 of human β -Tubulin (NP_006077.2).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using β -Tubulin antibody (AAA36659) at 1:10000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



WB (Western Blot)

Western blot analysis of HeLa cell using beta-tubulin antibody at different dilution. Each lane was loaded with 10 ug cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-beta-Tubulin antibody

This gene encodes a beta tubulin protein. This protein forms a dimer with alpha tubulin and acts as a structural component of microtubules. Mutations in this gene cause cortical dysplasia, complex, with other brain malformations 6. Alternative splicing results in multiple splice variants. There are multiple pseudogenes for this gene on chromosomes 1, 6, 7, 8, 9, and 13.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20455526
NCBI GeneID	10381
UniProt Accession #	Q13509; Q9BTZ0; Q9BW10; A8K854
Molecular Weight	Observed MW 50kDa Calculated MW 50kDa
NCBI Official Full Name	Tubulin beta-3 chain
NCBI Official Synonym Full Names	tubulin, beta 3 class III
NCBI Official Symbol	TUBB3
NCBI Official Synonym Symbols	CDCBM; FEOM3; TUBB4; CDCBM1; CFEOM3; beta-4; CFEOM3A
NCBI Protein Information	tubulin beta-3 chain; tubulin beta-III; tubulin beta-4 chain; class III beta-tubulin
UniProt Protein Name	Tubulin beta-3 chain
UniProt Gene Name	TUBB3
UniProt Synonym Gene Names	TUBB4
UniProt Entry Name	TBB3_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.