

Rabbit beta Tubulin Polyclonal Antibody | anti-Tubb5 antibody

beta Tubulin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290903	Rabbit	MousePredicted: C.Elegans, Chicken, Drosophila, Human, Monkey, Rat, Bovine, Xenopus, Hamster, Pig	ELISA, Western Blot

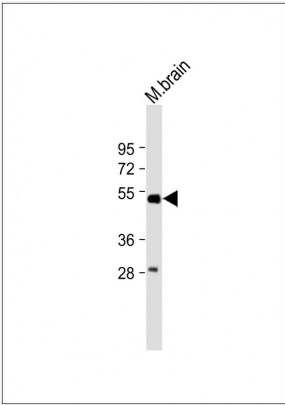
PRODUCT SYNONYMS

beta Tubulin; Polyclonal Antibody; beta Tubulin Antibody; Purified Rabbit Polyclonal Antibody (Pab); Tubulin beta-5 chain; Tubb5; anti-Tubb5 antibody

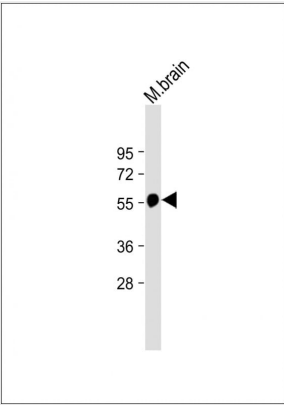
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse Predicted: C.Elegans, Chicken, Drosophila, Human, Monkey, Rat, Bovine, Xenopus, Hamster, Pig
Clonality	Polyclonal
Isotype	Ig
Specificity	This beta Tubulin antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 298-328 amino acids from the mouse region of mouse beta Tubulin.
Purity/Purification	Purified through a protein A column, followed by peptide affinity purification.
Form/Format	Supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Length	444
Applicable Applications for anti-Tubb5 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthesized Peptide
Antigen Source	Human
Tissue Location	Ubiquitously expressed with highest levels in spleen, thymus and immature brain. Expressed in embryonic brain, including throughout the developing cortex and in the subventricular zone. Also found in radial glial cells, intermediate progenitors, migrating neurons and postmitotic neurons (PubMed:23246003). Expressed in skin and developing hair follicle (PubMed:26637975).
Cellular Location	Cytoplasm, cytoskeleton
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Anti-beta Tubulin Antibody at 1:2000 dilution + Mouse brain lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 50 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)
Anti-beta Tubulin Antibody at 1:2000 dilution + Mouse brain lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 50 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Tubb5 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-Tubb5 antibody	Primary Antibodies; Signal Transduction
References	Wang D.,et al.J. Cell Biol. 103:1903-1910(1986). Carninci P.,et al.Science 309:1559-1563(2005). Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009). Lubec G.,et al. Submitted (JUL-2007) to UniProtKB.Lewis S.A.,et al.J. Cell Biol. 101:852-861(1985).

NCBI AND UNIPROT INFORMATION

NCBI GI #	7106439
NCBI GeneID	22154
NCBI Accession #	NP_035785.1
NCBI GenBank Nucleotide #	NM_011655.5
UniProt Accession #	P99024; P05218; Q3TFB6; Q3THH9; Q3TIL1; Q3UAV4; Q3UF52; Q8WUC1; Q9CY33; B1B178
Molecular Weight	49671
NCBI Official Full Name	tubulin beta-5 chain
NCBI Official Synonym Full Names	tubulin, beta 5 class I
NCBI Official Symbol	Tubb5
NCBI Official Synonym Symbols	AA408537; AI596182; M(beta)5; B130022C14Rik
NCBI Protein Information	tubulin beta-5 chain
UniProt Protein Name	Tubulin beta-5 chain
UniProt Gene Name	Tubb5

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.