

Rabbit beta II Tubulin Polyclonal Antibody | anti-Tubb2a antibody

beta II Tubulin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290735	Rabbit	Human, Mouse, Rat; Predicted Reactivity: Human, Mouse, Rat, Pig, Chicken, Bovine	ELISA, Western Blot

PRODUCT SYNONYMS

beta II Tubulin; Polyclonal Antibody; beta II Tubulin Antibody; Tubulin beta-2A chain; Tubb2a; Tubb2; anti-Tubb2a antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat; Predicted Reactivity: Human, Mouse, Rat, Pig, Chicken, Bovine
Clonality	Polyclonal
Isotype	Ig
Specificity	This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 14-46 amino acids from human.
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.
Sequence Length	445
Applicable Applications for anti-Tubb2a antibody	ELISA, WB (Western Blot)
Subtitle	Purified Rabbit Polyclonal Antibody (Pab)
Cellular Location	Cytoplasm, cytoskeleton.
Antigen Type	Synthesized Peptide
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



WB (Western Blot)

All lanes : Anti-beta II Tubulin at 1:2000 dilution
Lane 1: HeLa whole cell lysate
Lane 2: Jurkat whole cell lysate
Lane 3: NIH/3T3 whole cell lysate
Lane 4: PC-12 whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 50 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)

All lanes : Anti-beta II Tubulin at 1:8000 dilution
Lane 1: mouse brain lysate
Lane 2: HeLa whole cell lysate
Lane 3: Jurkat whole cell lysate
Lane 4: PC-12 whole cell lysate
Lane 5: NIH/3T3 whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 50 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Tubb2a 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 (By similarity).
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Product Categories/Family for anti-Tubb2a antibody	Crown Antibodies; Primary Antibodies; Signal Transduction
References	Carninci P.,et al.Science 309:1559-1563 (2005). Lubec G.,et al.Submitted (JAN-2009) to UniProtKB. Janke C.,et al.Science 308:1758-1762 (2005). Rogowski K.,et al.Cell 137:1076-1087 (2009). Yoshida K.,et al.Biochem. Biophys. Res. Commun. 389:506-511 (2009).

NCBI AND UNIPROT INFORMATION

NCBI GI #	33859488
NCBI GeneID	22151
NCBI Accession #	NP_033476.1
NCBI GenBank Nucleotide #	NM_009450.2
UniProt Accession #	Q7TMM9; P09203; Q9NФЗ7; Q13885; Q4R5B3; P85108; Q6B856; Q9BVA1; Q9CWF2; Q3KRE8; P32882; P13602; Q9NФЗ5; P30156; P20802; O59837; P02554
Molecular Weight	49907 Da
NCBI Official Full Name	tubulin beta-2A chain
NCBI Official Synonym Full Names	tubulin, beta 2A class IIA
NCBI Official Symbol	Tubb2a
NCBI Official Synonym Symbols	Tubb2; M(beta)2
NCBI Protein Information	tubulin beta-2A chain
UniProt Protein Name	Tubulin beta-2A chain
UniProt Gene Name	Tubb2a
UniProt Synonym Gene Names	Tubb2
UniProt Entry Name	TBB2A_MOUSE

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.