

Chicken beta Tubulin 3 Polyclonal Antibody | anti-TUBB3 antibody

beta Tubulin 3 antibody

CATALOG # AAA107677	HOST Chicken	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry
-------------------------------	------------------------	--

PRODUCT SYNONYMS

beta Tubulin 3; Polyclonal Antibody; beta Tubulin 3 antibody; Polyclonal Beta Tubulin 3; Anti-Beta Tubulin 3; Tubulin 3; Beta-Tubulin 3; TUJ; B Tubulin; anti-TUBB3 antibody

PRODUCT SPECIFICATIONS

Host	Chicken
Clonality	Polyclonal
Purity/Purification	Beta Tubulin 3 antibody was purified by affinity chromatography.
Form/Format	Affinity purified liquid in 10mM PBS, pH 7.2 with 0.02% Sodium Azide as preservative.
Concentration	0.3mg/ml (varies by lot)
Sequence Length	450
Applicable Applications for anti-TUBB3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Biological Significance	Tubulin is the major component of microtubules, essential cell cytoskeleton proteins involved in mitosis, cytokinesis and transport of vesicles and organelles. Tubulin is a dimer composed of one alpha and one beta tubulin molecule, which assemble as microtubules in a GTP-dependent manner. The beta-Tubulin molecule exerts GTPase activity to hydrolyze to GDP, effectively governing microtubule formation.
Immunogen	Three synthetic peptide KLH conjugates corresponding to different regions of the β -Tubulin3 gene product, but are shared between the human (NP_AAL28094, NCBI) and Rat (AAM28438, NCBI) protein sequences.
Preparation and Storage	Store at 4°C without exposure to light. Do not freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of beta Tubulin 3 antibodyDissociated cell culture of a neonatal mouse brain showing beta Tubulin 3 (green staining) of neurons. These cultures were counter-stained with a rabbit anti-GFAP antibody (red staining) to identify astrocytes, and with DAPI (blue staining) to localize nuclei.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBB3 antibody	Affinity purified Chicken polyclonal Beta Tubulin 3 antibody
Product Categories/Family for anti-TUBB3 antibody	Neuroscience; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	16755780
NCBI GeneID	10381
UniProt Accession #	Q13509; Q9BTZ0; Q9BW10; A8K854
NCBI Official Full Name	class III beta tubulin
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/beta-tubulin-3-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/107677>