



TBB4A Polyclonal Antibody

Catalog No	YP-Ab-07704
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	TUBB4A TUBB4 TUBB5
Immunogen	Synthesized peptide derived from part region of human protein AA range: 218-268
Specificity	TBB4A Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DYT4;TUBB4;beta-5;M(beta)4;Tubb;TBB4A_HUMAN;TUBB4A;Tubulin 5 beta; Tubulin beta-4 chain;TUBB5;TBB4A_MOUSE; tubulin beta 4A class IVa;tubulin; beta 4;beta 4 class IVa;dystonia 4;torsion (autosomal dominant);class IVa beta-tubulin;TBB4A;TUBB4A TUBB4 TUBB5;Tubulin beta-4A chain (Tubulin 5 beta) (Tubulin beta-4 chain)
Observed Band	50 kDa
Calculated Molecular Weight	50 kDa
Cell Pathway	Cytoplasm, cytoskeleton.
Tissue Specificity	Major isotype in brain, where it represents 46% of all beta-tubulins. In the brain, highest expression levels in the cerebellum, followed by putamen and white matter. Moderate levels in testis. Very low levels, if any, in other tissues.
Function	domain:The highly acidic C-terminal region may bind cations such as calcium., function: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.,similarity:Belongs to the tubulin family., subunit:Dimer of alpha and beta chains.,

Background

This gene encodes a member of the beta tubulin family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. Mutations in this gene cause hypomyelinating leukodystrophy-6 and autosomal dominant torsion dystonia-4. Alternate splicing results in multiple transcript variants encoding different isoforms. A pseudogene of this gene is found on chromosome X. [provided by RefSeq, Jan 2014],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images