



Magic™ Anti-TUBB3 polyclonal antibody (DPABH-24843)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. TUBB3 plays a critical role in proper axon guidance and maintenance.
Immunogen	Synthetic peptide corresponding to Human beta III Tubulin aa 350 to the C-terminus conjugated to Keyhole Limpet Haemocyanin (KLH).
Isotype	IgY
Source/Host	Chicken
Species Reactivity	Mouse, Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-FoFr, WB, ICC/IF
Format	Liquid
Size	1 ea
Buffer	pH: 7.40; Constituents: PBS, 3% BSA
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	TUBB3 tubulin, beta 4 class III [Homo sapiens]
Official Symbol	TUBB3
Synonyms	TUBB3; tubulin, beta 3 class III; CDCBM; FEOM3; TUBB4; CDCBM1; CFEOM3; beta-4; CFEOM3A; tubulin beta-3 chain; tubulin beta-III; tubulin beta-4 chain; class III beta-tubulin; fibrosis of extraocular muscles, congenital, 3;
Entrez Gene ID	10381
Protein Refseq	NP_001184110.1
UniProt ID	Q13509
Pathway	Chaperonin-mediated protein folding; Cooperation of Prefoldin and TriC/CCT in actin and tubulin folding; Formation of tubulin folding intermediates by CCT/TriC; GPCR downstream signaling
Function	GTP binding; GTPase activity; protein binding; structural constituent of cytoskeleton