Immunoway
Best Tools for immunology Research

TBB1 Polyclonal Antibody

Catalog No :	YN1906
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	Tubulin β
Fields :	>>Phagosome;>>Gap junction;>>Alzheimer disease;>>Parkinson disease;>>Amyotrophic lateral sclerosis;>>Huntington disease;>>Prion disease;>>Pathways of neurodegeneration - multiple diseases;>>Pathogenic Escherichia coli infection;>>Salmonella infection
Gene Name :	TUBB1
Protein Name :	Tubulin beta-1 chain
Human Gene Id :	81027
Human Swiss Prot No :	Q9H4B7
Mouse Swiss Prot No :	A2AQ07
Immunogen :	Synthesized peptide derived from part region of human protein AA range: 257-307
Specificity :	TBB1 Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	49kD
Cell Pathway :	Gap junction;Pathogenic Escherichia coli infection;
Background :	This gene encodes a member of the beta tubulin protein family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. This protein is specifically expressed in platelets and megakaryocytes and may be involved in proplatelet production and platelet release. A mutations in this gene is associated with autosomal dominant macrothrombocytopenia. Two pseudogenes of this gene are found on chromosome Y.[provided by RefSeq, Jul 2010],
Function :	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.,
Subcellular Location :	Cytoplasm, cytoskeleton .
Expression :	Hematopoietic cell-specific. Major isotype in leukocytes, where it represents 50% of all beta-tubulins.

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