



Rabbit anti-Human TUBB1 (N-term) Polyclonal Antibody (CABT-Z158R)

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

PRODUCT INFORMATION

Immunogen	Antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human TUBB1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Arabidopsis thaliana
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1,000-1:3,000 (detect endogenous protein*)
Molecular Weight	50 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human TUBB1.
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN ₃ .
Preservative	0.01% NaN ₃

Storage	Store at -20°C. Stable for 6 months from date of receipt.
----------------	---

Ship	Wet ice
-------------	---------

BACKGROUND

Introduction	Tubulin beta-1 chain (TUBB1) belongs to the tubulin family and is the major constituent of microtubules. TUBB1 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. Some glutamate residues at the C-terminus are polyglutamylated. This modification occurs exclusively on glutamate residues and results in polyglutamate chains on the gamma-carboxyl group. Defects in TUBB1 are a cause of macrothrombocytopenia autosomal dominant TUBB1-related (MAD-TUBB1).
---------------------	---

Keywords	Tubulin beta-1 chain
-----------------	----------------------

GENE INFORMATION

Gene Name	TUBB1
------------------	-------

Entrez Gene ID	81027
-----------------------	-----------------------

UniProt ID	Q9H4B7
-------------------	------------------------