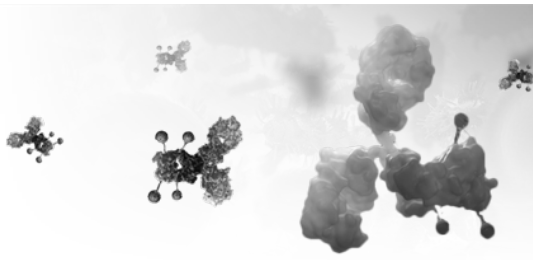

Rabbit Anti-Human TUBB5 polyclonal antibody (CABT-L1877)

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

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Bovine, Chicken, Mouse, Rat
Target	TUBB5
Immunogen	Synthetic peptide derived from C-terminus of human tubulin beta.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	55 kDa
Cellular Localization	Cytoplasm
Positive Control	Lung, Skin
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

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stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction	Microtubules, the major cytoskeletal elements found in all eukaryotic cells, consist of Tubulin, which is a dimer of two 55kDa subunits: alpha and Beta. Microtubules play key roles in chromosome segregation in mitosis, intracellular transport, ciliary and flagellar bending, and structural support of the cytoskeleton. This antibody does not cause the 10-nm filaments to collapse into large lateral aggregates collecting in the cell periphery or tight juxtanuclear caps. It does not block microtubule assembly. Ab-3 does not inhibit polymerization or depolymerization of platelet tubulin in vitro. It blocks (by 70-80%) the ability of tubulin dimers (with GppNHp bound) to promote a stable inhibition of adenylyl cyclase.
Keywords	TUBB5;tubulin, beta 5 class I;tubulin beta-5 chain;beta 4 tubulin;Beta 5 tubulin;beta Ib tubulin;M40;TUBB1;tubulin beta 1 chain;Tubulin beta 4 chain;tubulin beta 5 chain;Tubulin beta;Tubulin beta chain;tubulin beta polypeptide;AA408537;AI596182;M (beta) 5;B130022C14Rik

GENE INFORMATION

Entrez Gene ID	203068
UniProt ID	P07437

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