

Datasheet for ABIN7180277

anti-TUBB3 antibody (C-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	TUBB3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TUBB3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthesized peptide derived from C-terminal of Human Tubulin beta.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	TUBB3
Alternative Name:	TUBB3 (TUBB3 Products)
Background:	Background: Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at

Target Details

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.

J E Rudolph, Mol. Cell. Biol., Jun 1987, 7: 2231 - 2242.

Jong-Soo Chang, J. Biol. Chem., Feb 2005, 280: 6897 - 6905.

Virginie Redeker, J. Biol. Chem., Jan 2005, 280: 596 - 606.

Aliases: beta 3 tubulin antibody, beta 4 antibody, beta-4 antibody, CDCBM antibody, CDCBM1 antibody, CFEOM3 antibody, CFEOM3A antibody, FEOM3 antibody, M(beta)3 antibody, M(beta)6 antibody, MC1R antibody, Neuron specific beta III Tubulin antibody, Neuron-specific class III beta-tubulin antibody, QccE-11995 antibody, QccE-15186 antibody, TBB3_HUMAN antibody, Tubb 3 antibody, TUBB3 antibody, TUBB4 antibody, Tubulin beta 3 antibody, Tubulin beta 3 chain antibody, Tubulin beta 4 antibody, Tubulin beta III antibody, Tubulin beta-3 chain antibody, Tubulin beta-4 chain antibody, Tubulin beta-III antibody, tuj 1 antibody, tuj1 antibody

UniProt: [Q13509](#)

Pathways: [Microtubule Dynamics](#), [M Phase](#)

Application Details

Application Notes: WB:1:500-1:3000, IHC:1:50-1:100,

Restrictions: For Research Use only

Handling

Format: Liquid

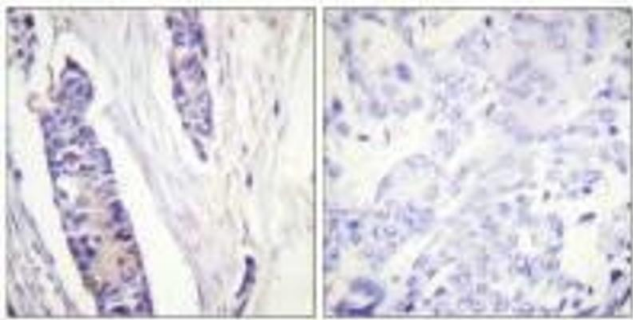
Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

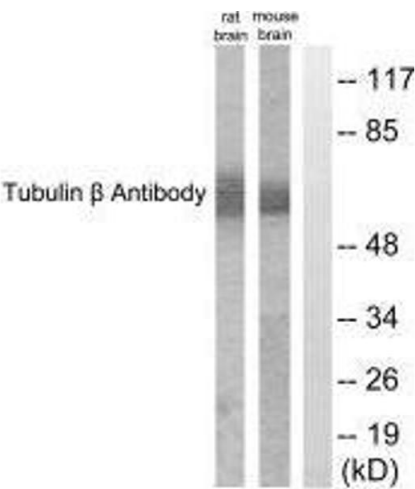
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Tubulin β antibody.



Western Blotting

Image 2. Western blot analysis of extracts from rat cells and mouse brain cells, using Tubulin β antibody.