

Datasheet for ABIN576176 **anti-Tubulin antibody**



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Overview

Quantity:	0.5 mL
Target:	Tubulin (TUB)
Reactivity:	Human, Mouse, Rat, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tubulin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified porcine brain tubulin.
Isotype:	IgG
Specificity:	<p>Detects tubulin, a protein which is the major constituent of microtubules. Tubulin is a dimer of alpha and beta chains, which binds two molecules of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain. There are at least six isotypes of both alpha- and beta- tubulin in human cells, which are distinguished by slightly different amino acid sequences and encoded by a large, multigene family that has been highly conserved throughout evolution. Although the most important functions of microtubules in proliferative cells are through their actions as components of the mitotic spindle, they are also involved in many other essential functions throughout the cell cycle of both malignant and nonmalignant cells. Antimicrotubule agents including Vinca alkaloids and taxanes may disrupt many of these essential functions.</p>
Purification:	Affinity purified

Target Details

Target:	Tubulin (TUB)
Alternative Name:	Tubulin (TUB Products)

Application Details

Application Notes:	Approved: ELISA (1:50 - 1:500), WB (1:250 - 1:1000) Not recommended for: IHC-P
Comment:	Target Species of Antibody: Pig
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 0.09 % sodium azide.
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:	4 °C,-20 °C
Storage Comment:	4°C or -20°C, Avoid freeze-thaw cycles.