

alpha Tubulin Antibody

Cat. No.:	HY-P80538
Synonyms:	alpha Tubulin Antibody is a non-conjugated and Rabbit originated monoclonal antibody about 50 kDa, targeting to alpha Tubulin. It can be used for WB,IHC-F,IHC-P,ICC/IF,IP assays with tag free, in the background of Human, Mouse, Rat, Hamster.
Host:	Rabbit
Reactivity:	Human,Mouse,Rat,Hamster
Conjugation:	Non-conjugated
SwissProt ID:	P68366
Research Field:	Signal Transduction
Molecular Weight:	Predicted band size: 50 kDa

PROPERTIES

Formulation	Supplied in 50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol and 0.05% BSA. Preservative: 0.01% Sodium azide	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IHC	1:50-1:100
	IF	1:50-1:200
	IP	1:20
Shipping	Shipping with blue ice.	

DESCRIPTION

Background	<p>alpha Tubulin: Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes and they are highly conserved among and between species. This gene encodes an alpha tubulin that is a highly conserved homolog of a rat testis-specific alpha tubulin. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2013]</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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