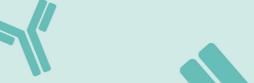
antibodies .- online.com







anti-TUBB3 antibody



Images



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Quantity:	100 μL	
Target:	TUBB3	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Monoclonal	
Conjugate:	This TUBB3 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)	

Product Details

Purpose:	βIII-Tubulin Rabbit mAb	
Immunogen:	A synthesized peptide derived from human betallI-Tubulin/beta3-Tubulin	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Monoclonal Antibodies	
Purification:	Affinity purification	

Target Details

Target:	TUBB3	
Alternative Name:	TUBB3 (TUBB3 Products)	
Background:	ackground: This gene encodes a class III member of the beta tubulin protein family. Beta tubulins are c	

of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. This protein is primarily expressed in neurons and may be involved in neurogenesis and axon guidance and maintenance. Mutations in this gene are the cause of congenital fibrosis of the extraocular muscles type 3. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 6. [provided by RefSeq, Oct 2010],CDCBM,CDCBM1,CFEOM3,CFEOM3A,FEOM3,TUBB4,beta-4,beta Tubulin III,TUBB3,Cell Biology & Developmental Biology,Cell Cycle,Cell Cycle_Centrosome,Cell Type Marker,Cell Type Marker_Neuron marker,Cytoskeleton,Cytoskeleton_Microtubules,Neuroscience,Signal Transduction,TUBB3

 Molecular Weight:
 55kDa

 Gene ID:
 10381

 UniProt:
 Q13509

Pathways: Microtubule Dynamics, M Phase

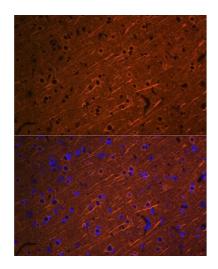
Application Details

 Application Notes:
 WB,1:500 - 1:2000,IF,1:50 - 1:200

 Restrictions:
 For Research Use only

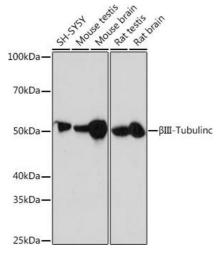
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



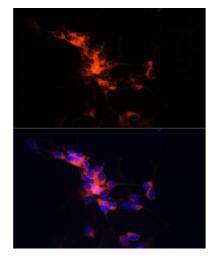
Immunofluorescence

Image 1. Immunofluorescence analysis of rat brain using β III-Tubulin/ β 3-Tubulin Rabbit mAb (ABIN7271049) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using β III-Tubulin/ β 3-Tubulin antibody (ABIN7271049) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 3 min.



Immunofluorescence

Image 3. Immunofluorescence analysis of SH-SY5Y cells using β III-Tubulin/ β 3-Tubulin Rabbit mAb (ABIN7271049) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the product details page for more images. Overall 5 images are available for ABIN7271049.