



β -Tubulin Rabbit mAb

Catalog No	YP-rAb-17623
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,IP,ELISA
Gene Name	TUBB
Protein Name	Tubulin β ;Tubulin beta chain (Tubulin beta-5 chain);TUBB
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:2000-1:10000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	$\geq 90\%$
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	Tubulin β ;Tubulin beta chain (Tubulin beta-5 chain);TUBB
Observed Band	50kD
Calculated Molecular Weight	50kD
Cell Pathway	Cytoplasm
Tissue Specificity	Ubiquitously expressed with highest levels in spleen, thymus and immature brain.
Function	Domain:The highly acidic C-terminal region may bind cations such as calcium.,Function:Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain.,online information:Tubulin entry,similarity:Belongs to the tubulin family.,subunit:Dimer of alpha and beta chains.,tissue specificity:Ubiquitously expressed with highest levels in spleen, thymus and immature brain.,
Background	This gene encodes a beta tubulin protein. This protein forms a dimer with alpha tubulin and acts as a structural component of microtubules. Mutations in this gene cause cortical dysplasia, complex, with other brain malformations 6. Alternative splicing results in multiple splice variants. There are multiple pseudogenes for this





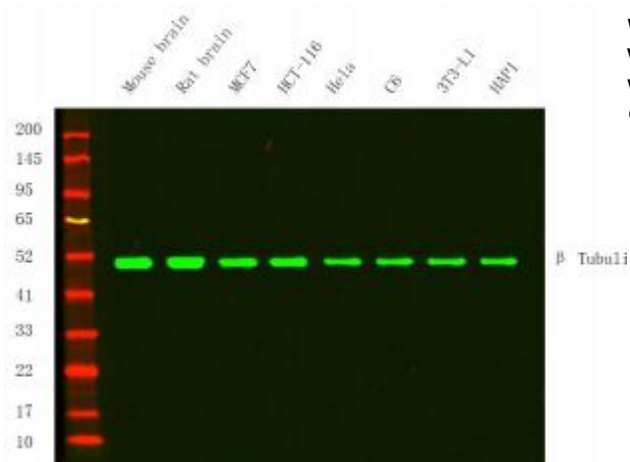
gene on chromosomes 1, 6, 7, 8, 9, and 13. [provided by RefSeq, Jun 2014],

matters needing attention

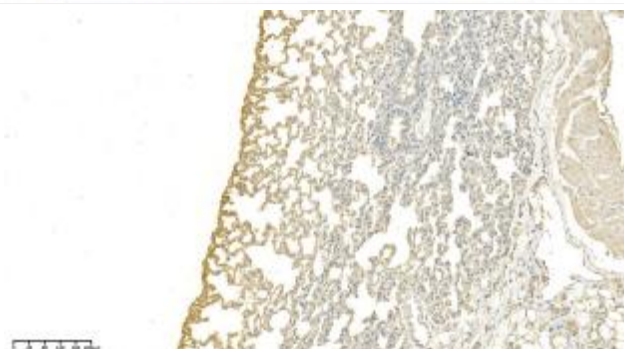
Avoid repeated freezing and thawing!

Usage suggestions

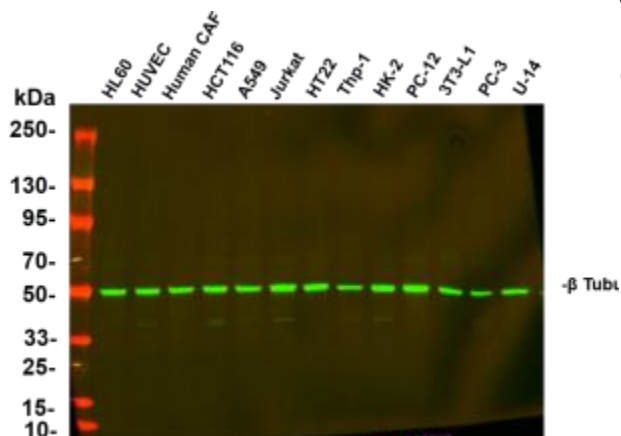
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Western Blot analysis using Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti- β Tubulin Rabbit mAb-YM8332 diluted at 1:5000. Secondary : Dylight 800, Goat Anti Rabbit IgG(

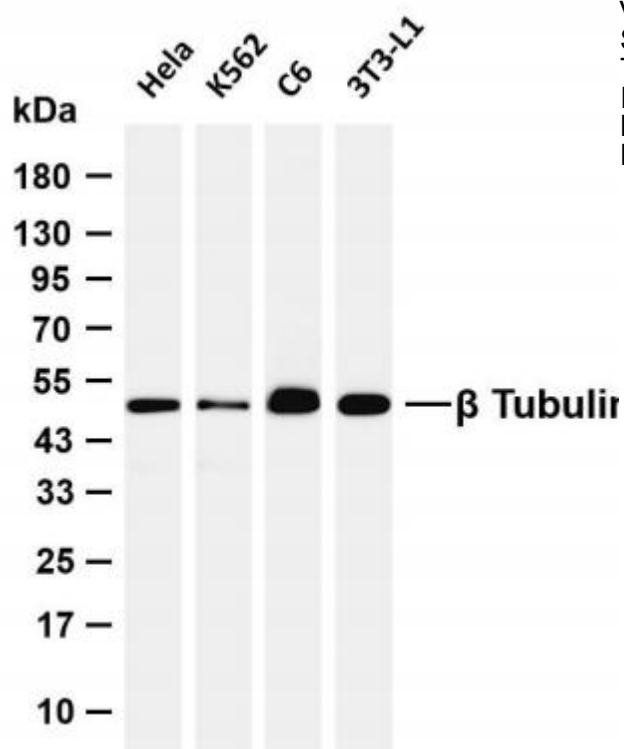


Rat lungs was stained with anti- β Tubulin Rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4°C, over night with a 1:25000 dilution . The Dylight 800-conjugated Goat anti-Rabbit antibody





Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti- β Tubulin antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: K562 Lane 3: C6 Lane 4: 3T3-L1
Predicted band size: 50kDa Observed band size: 50kDa

