

β II Tubulin Polyclonal Antibody

Catalog No: YN5436

Reactivity: Human; Mouse; Rat

Applications: WB;IF

Target: Tubulin β II

Fields: >>Phagosome;>>Gap junction;>>Alzheimer disease;>>Parkinson

disease;>>Amyotrophic lateral sclerosis;>>Huntington disease;>>Prion disease;>>Pathways of neurodegeneration - multiple diseases;>>Pathogenic

Escherichia coli infection;>>Salmonella infection

Gene Name: TUBB2A

Protein Name: Tubulin beta-2A chain

Q13885

Q7TMM9

Human Gene Id: 7280

Human Swiss Prot

No:

Mouse Gene ld: 22151

Mouse Swiss Prot

No:

Rat Gene Id: 498736

Rat Swiss Prot No: P85108

Immunogen : Synthetic Peptide of β II Tubulin AA range: 80-130

Specificity: The antibody detects endogenous β II tubulin protein.

Formulation: PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and

50% Glycerol.

Source: Polyclonal, Rabbit, IgG

1/3



Dilution: WB 1:500-2000; IF ICC 1:100-500

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 50kD

Cell Pathway: Gap junction; Pathogenic Escherichia coli infection;

Background: Microtubules, key participants in processes such as mitosis and intracellular

transport, are composed of heterodimers of alpha- and beta-tubulins. The protein encoded by this gene is a beta-tubulin. Defects in this gene are associated with complex cortical dysplasia with other brain malformations-5. Two transcript variants encoding distinct isoforms have been found for this gene. [provided by

RefSeq, Jul 2015],

Function: 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., similarity: Belongs to the tubulin

family., subunit: Dimer of alpha and beta chains.,

Subcellular Cytop

Location:

Cytoplasm, cytoskeleton.

Expression : High expression in brain, where it represents 30% of all beta-tubulins.

Tag: orthogonal

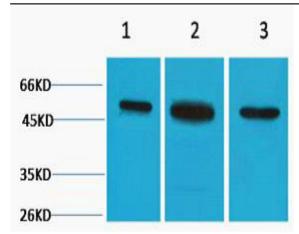
Sort: 1275

No4: 1

Host: Rabbit

Modifications: Unmodified

Products Images



Western blot analysis of 1) Hela, 2) 3T3, 3) Rat Kidney tissue, diluted at 1:3000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000