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α-Tubulin Rabbit pAb

Catalog No.: AC031 3 Publications

Basic Information

Observed MW
54kDa

Calculated MW
50kDa

Category
Polyclonal Antibody

Applications
WB

Cross-Reactivity
Human,Mouse,Rat

Background

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.

Recommended Dilutions

WB	1:500 - 1:2000

Immunogen Information

Gene ID
7277

Swiss Prot
P68366

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
ALS22; TUBA1; H2-ALPHA; α-Tubulin

Contact

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Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃