

TUBA4A

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW: 55kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human TUBA4A

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

TUBA4A ; Tubulin alpha 4A chain; tubulin; alpha 4a; TUBA1; Tubulin alpha 1 chain; FLJ30169; -Tubulin;

Catalog #: AC014

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 7277

Isotype: IgG

Swiss Prot: P68366

Purity: Affinity purification

For research use only.

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.

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