

Rabbit anti-Human alpha Tubulin 4a Polyclonal Antibody | anti-TUBA4A antibody

alpha Tubulin 4a antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303127	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

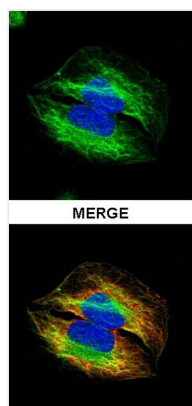
PRODUCT SYNONYMS

alpha Tubulin 4a; Polyclonal Antibody; alpha Tubulin 4a antibody; anti-TUBA4A antibody

PRODUCT SPECIFICATIONS

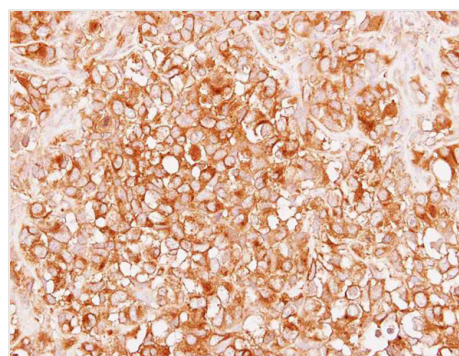
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	448
Applicable Applications for anti-TUBA4A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 21 and 203 (P68366) of alpha Tubulin 4a
Target Name	alpha Tubulin 4a
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



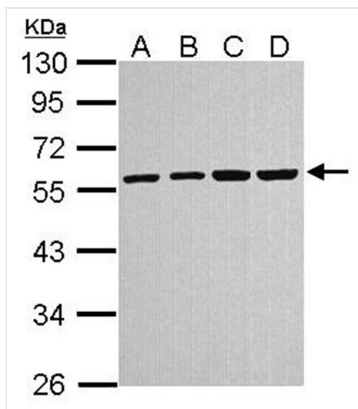
IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed U2OS, using alpha Tubulin 4a antibody (Green) at 1: 500 dilution and alpha-tubulin antibody (Red) at 1: 2000.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H661 xenograft, using alpha Tubulin 4a antibody at 1: 100 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: A431 B: H1299 C: HeLa D: Molt-4 10% SDS PAGE
Primary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-TUBA4A antibody	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. [provided by RefSeq]
Product Categories/Family for anti-TUBA4A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	17921989
NCBI GeneID	7277
NCBI Accession #	NP_005991
NCBI GenBank Nucleotide #	NM_006000.2
Molecular Weight	48,329 Da
NCBI Official Full Name	tubulin alpha-4A chain isoform 1
NCBI Official Synonym Full Names	tubulin, alpha 4a
NCBI Official Symbol	TUBA4A
NCBI Official Synonym Symbols	ALS22; TUBA1; H2-ALPHA
NCBI Protein Information	tubulin alpha-4A chain
UniProt Protein Name	Tubulin alpha-4A chain
UniProt Gene Name	TUBA4A
UniProt Synonym Gene Names	TUBA1
UniProt Entry Name	TBA4A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.