

## Rabbit TUBA4A Antibody | anti-TUBA4A antibody

TUBA4A Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA266929</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

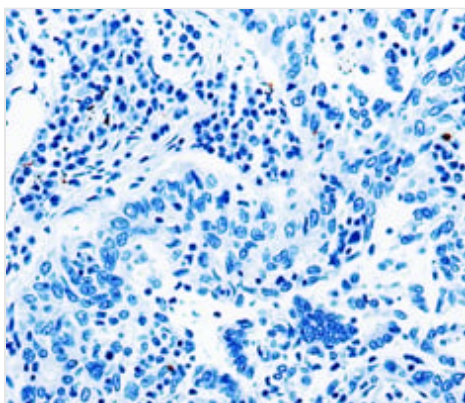
### PRODUCT SYNONYMS

TUBA4A; TUBA4A Antibody; TUBA1; H2-ALPHA; anti-TUBA4A antibody

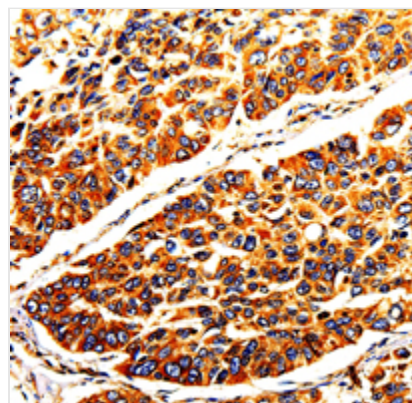
### PRODUCT SPECIFICATIONS

|                                                  |                                                                  |
|--------------------------------------------------|------------------------------------------------------------------|
| Host                                             | Rabbit                                                           |
| Reactivity                                       | Human, Mouse, Rat                                                |
| Isotype                                          | IgG                                                              |
| Purity/Purification                              | Affinity purification                                            |
| Sequence Length                                  | 433                                                              |
| Applicable Applications for anti-TUBA4A antibody | IHC (Immunohistochemistry), WB (Western Blot)                    |
| Immunogen                                        | A synthetic peptide of human TUBA4A                              |
| Storage Buffer                                   | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                |
| Preparation and Storage                          | Store at -20 degree C or -80 degree C. Avoid freeze/thaw cycles. |

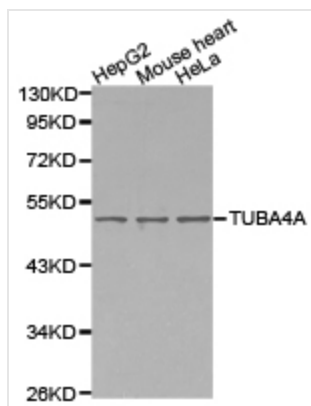
### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human lung cancer tissue using TUBA4A antibody.


**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using TUBA4A antibody.



Application Data

## 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. |
| Product Categories/Family for anti-TUBA4A antibody   | <a href="#">Autophagy antibody</a> ; <a href="#">Cancer</a> ; <a href="#">Cardiovascular</a> ; <a href="#">Cell Biology</a> ; <a href="#">Epigenetics &amp; Nuclear Signaling</a> ; <a href="#">Developmental Biologys</a> ; <a href="#">Immunology</a> ; <a href="#">Drug Discovery Products</a> ; <a href="#">Metabolism</a> ; <a href="#">Neuroscience</a> ; <a href="#">Signal Transduction</a> ; <a href="#">Stem Cells</a>                                                                                                                                                                                                                                                                                                                               |

## NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 514052659                        |
| NCBI GeneID                      | 7277                             |
| NCBI Accession #                 | NP_001265481.1                   |
| NCBI GenBank Nucleotide #        | NM_001278552.1                   |
| UniProt Accession #              | P68366; P05215; A8MUB1; B3KNQ6   |
| Molecular Weight                 | 50kDa                            |
| NCBI Official Full Name          | tubulin alpha-4A chain isoform 2 |
| 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                            |

**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.