

## Rabbit Alpha-tubulin Polyclonal Antibody | anti-TUBA3C antibody

Alpha-tubulin Antibody

|                              |                       |                                        |                                            |
|------------------------------|-----------------------|----------------------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA40627</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot, ELISA</b> |
|------------------------------|-----------------------|----------------------------------------|--------------------------------------------|

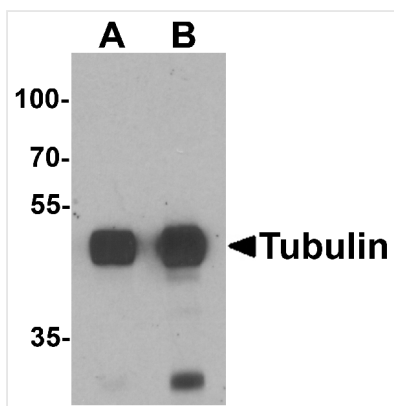
### PRODUCT SYNONYMS

Alpha-tubulin; Polyclonal Antibody; Alpha-tubulin Antibody; TUBA2; bA408E5.3; TUBA3D; Alpha-tubulin 2; anti-TUBA3C antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                         |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                  |
| Reactivity                                       | Human, Mouse, Rat                                                                                                       |
| Clonality                                        | Polyclonal                                                                                                              |
| Isotype                                          | IgG                                                                                                                     |
| Purity/Purification                              | Alpha-tubulin Antibody is affinity chromatography purified via peptide column.                                          |
| Form/Format                                      | Liquid                                                                                                                  |
| Concentration                                    | 1 mg/mL (varies by lot)                                                                                                 |
| Sequence Length                                  | 450                                                                                                                     |
| Applicable Applications for anti-TUBA3C antibody | WB (Western Blot), ELISA                                                                                                |
| Conjugate                                        | Unconjugated                                                                                                            |
| Immunogen                                        | Rabbit polyclonal Tubulin antibody was raised against a 16 amino acid peptide near the amino terminus of human Tubulin. |
| Buffer                                           | Alpha-tubulin Antibody is supplied in PBS containing 0.02% sodium azide.                                                |
| Preparation and Storage                          | Alpha-tubulin antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.        |

### IMAGES



#### WB (Western Blot)

Western blot analysis of Tubulin in mouse brain tissue lysate with Tubulin antibody at (A) 0.5 and (B) 1 &#956;g/mL.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TUBA3C antibody | Alpha-tubulin Antibody: Alpha-tubulin belongs to the tubulin superfamily, which is composed of six distinct families. Along with beta-tubulins, alpha-tubulins are the major components of microtubules. These microtubules are involved in a wide variety of cellular activities ranging from mitosis and transport events to cell movement and the maintenance of cell shape. Alpha- and beta-tubulin dimers are assembled to 13 protofilaments that form a microtubule of 22-nm diameter. Tyrosine ligase adds a C-terminal tyrosine to monomeric alpha-tubulin. Assembled microtubules can again be detyrosinated by a cytoskeleton-associated carboxypeptidase. Another post-translational modification of detyrosinated alpha-tubulin is C-terminal polyglutamylation, which is characteristic of microtubules in neuronal cells and the mitotic spindle. Like GAPDH and beta-Actin, this antibody makes an excellent loading control in immunoblots. |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 17921993                                                                                               |
| NCBI GeneID                      | 7278                                                                                                   |
| NCBI Accession #                 | NP_005992                                                                                              |
| NCBI GenBank Nucleotide #        | NM_006001.2                                                                                            |
| UniProt Accession #              | Q13748; Q5W099; Q6PEY3; Q96F18; A6NJQ0                                                                 |
| Molecular Weight                 | Predicted: 50 kDa                                                                                      |
| NCBI Official Full Name          | tubulin alpha-3C/D chain                                                                               |
| NCBI Official Synonym Full Names | tubulin, alpha 3c                                                                                      |
| NCBI Official Symbol             | TUBA3C                                                                                                 |
| NCBI Official Synonym Symbols    | TUBA2; bA408E5.3                                                                                       |
| NCBI Protein Information         | tubulin alpha-3C/D chain; alpha-tubulin 2; tubulin, alpha 2; alpha-tubulin 3C/D; tubulin alpha-2 chain |
| UniProt Protein Name             | Tubulin alpha-3C/D chain                                                                               |
| UniProt Gene Name                | TUBA3C                                                                                                 |
| UniProt Synonym Gene Names       | TUBA2                                                                                                  |
| UniProt Entry Name               | TBA3C_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/alpha-tubulin-antibody-western-blot-elisa/40627>