

## Rabbit anti-Human, Rat TTLL7 Polyclonal Antibody | anti-TTLL7 antibody

TTLL7 Antibody

|                               |                       |                                 |                                                                  |
|-------------------------------|-----------------------|---------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA231322</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|---------------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

TTLL7; Polyclonal Antibody; TTLL7 Antibody; Tubulin polyglutamylase TTLL7Curated; Testis development protein NYD-SP30; anti-TTLL7 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human, Rat                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | Antigen Affinity Purified                                                                                      |
| Form/Format                                     | Liquid                                                                                                         |
| Sequence Length                                 | 887                                                                                                            |
| Applicable Applications for anti-TTLL7 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Species                                         | Human                                                                                                          |
| Immunogen                                       | Recombinant human Tubulin polyglutamylase TTLL7 protein (N-260AA)                                              |
| Conjugate                                       | Non-conjugated                                                                                                 |
| Buffer                                          | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-163492                                 |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



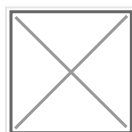
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreatic tissue using AAA231322 at dilution of 1:100



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA231322 at dilution of 1:100



#### WB (Western Blot)

Western blotAll lanes: TTLL7 antibody at 2.04 ug/mlLane 1: Rat thymus tissueLane 2: Jurkat whole cell lysateLane 3: Hela whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 103,78,93 kDaObserved band size: 103,60 kDa

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TTLL7 antibody | Polyglutamylase which preferentially modifies beta-tubulin (PubMed:25959773). Mediates both ATP-dependent initiation and elongation of polyglutamylation of microtubules (PubMed:25959773). Required for neurite growth; responsible for the strong increase in tubulin polyglutamylation during postnatal neuronal maturation (By similarity). |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 94536793                                       |
| NCBI GeneID                      | 79739                                          |
| NCBI Accession #                 | NP_078962.4                                    |
| NCBI GenBank Nucleotide #        | NM_024686.4                                    |
| UniProt Accession #              | Q6ZT98; Q5TAX8; Q5TAX9; Q6P990; Q86YS1; Q9H5U4 |
| Molecular Weight                 | 92,222 Da                                      |
| NCBI Official Full Name          | tubulin polyglutamylase TTLL7                  |
| NCBI Official Synonym Full Names | tubulin tyrosine ligase like 7                 |
| NCBI Official Symbol             | TTLL7                                          |
| NCBI Protein Information         | tubulin polyglutamylase TTLL7                  |
| UniProt Protein Name             | Tubulin polyglutamylase TTLL7                  |
| UniProt Gene Name                | TTLL7                                          |
| UniProt Entry Name               | TTLL7_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ttll7-antibody-immunohistochemistry-western-blot-elisa/231322>