

## Rabbit S6K1 Polyclonal Antibody | anti-S6K1 antibody

Rabbit anti-S6K1 (pS434) Antibody

| CATALOG # | HOST   | REACTIVITY                                           | APPLICATIONS                                                                |
|-----------|--------|------------------------------------------------------|-----------------------------------------------------------------------------|
| AAA224118 | Rabbit | Human, Mouse, Rat, Bovine, Chicken, Dog, Pig, Rabbit | Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot |

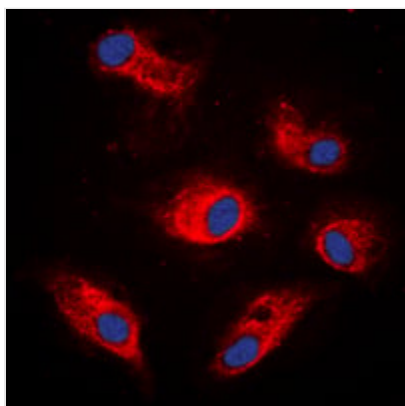
### PRODUCT SYNONYMS

S6K1; Polyclonal Antibody; Rabbit anti-S6K1 (pS434) Antibody; STK14A; Ribosomal protein S6 kinase beta-1; S6K-beta-1; 70 kDa ribosomal protein S6 kinase 1; P70S6K1; p70-S6K 1; Ribosomal protein S6 kinase I; Serine/threonine-protein kinase 14A; p70 ribosomal S6 kinase alpha; p70 S6 kinase alpha; p70 S6K-alpha; p70 S6KA; anti-S6K1 antibody

### PRODUCT SPECIFICATIONS

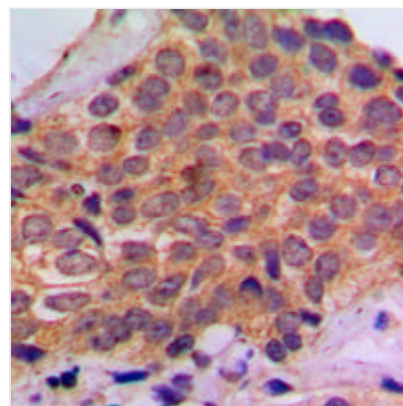
|                                                |                                                                                                                                             |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                      |
| Reactivity                                     | Human, Mouse, Rat, Bovine, Chicken, Dog, Pig, Rabbit                                                                                        |
| Clonality                                      | Polyclonal                                                                                                                                  |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                                             |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                   |
| Concentration                                  | 1mg/mL (varies by lot)                                                                                                                      |
| Applicable Applications for anti-S6K1 antibody | IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                            |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human S6K1 (pS434). The exact sequence is proprietary. |
| Preparation and Storage                        | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                                   |

### IMAGES



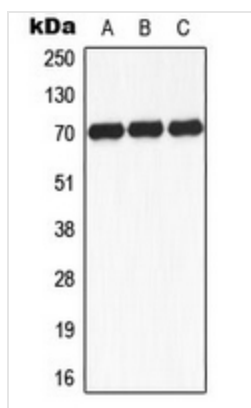
#### IF (Immunofluorescence)

Immunofluorescent analysis of Tyrosine Hydroxylase staining in DLD cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Tyrosine Hydroxylase staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of Tyrosine Hydroxylase expression in DLD (A), mouse liver (B), PC12 (C) whole cell lysates.

## ADDITIONAL INFORMATION

Product Categories/Family for anti-S6K1 antibody

Primary antibodies

## NCBI AND UNIPROT INFORMATION

|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| NCBI GI #                        | 88900503                                                      |
| NCBI GeneID                      | 7054                                                          |
| NCBI Accession #                 | NP_000351.2                                                   |
| NCBI GenBank Nucleotide #        | NM_000360.3                                                   |
| UniProt Accession #              | P07101; P24529; P04177                                        |
| Molecular Weight                 | 58,600 Da                                                     |
| NCBI Official Full Name          | tyrosine 3-monooxygenase isoform b                            |
| NCBI Official Synonym Full Names | tyrosine hydroxylase                                          |
| NCBI Official Symbol             | TH                                                            |
| NCBI Official Synonym Symbols    | TYH; DYT14; DYT5b                                             |
| NCBI Protein Information         | tyrosine 3-monooxygenase; dystonia 14; tyrosine 3-hydroxylase |
| UniProt Protein Name             | Tyrosine 3-monooxygenase                                      |
| UniProt Gene Name                | TH                                                            |
| UniProt Synonym Gene Names       | TYH; TH                                                       |
| UniProt Entry Name               | TY3H_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/s6k1-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/224118>