

# Rabbit anti-Human, Rat Ribosomal Protein S2 Polyclonal Antibody | anti-RPS2 antibody

Ribosomal Protein S2 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                 |
|-----------|--------|------------|--------------------------------------------------------------|
| AAA322615 | Rabbit | Human, Rat | ELISA, Immunocytochemistry, Immunofluorescence, Western Blot |

## PRODUCT SYNONYMS

Ribosomal Protein S2; Polyclonal Antibody; Ribosomal Protein S2 Antibody; 40S ribosomal protein S2; 40S ribosomal protein S4; LLREP3; LLRep3 protein; MGC102851; MGC117344; MGC117345; OK/KNS-cl.6; Protein LLRep3; Ribosomal protein S2; rps2; RPS4; RS2; RS2\_HUMAN; S2; S4; anti-RPS2 antibody

## PRODUCT SPECIFICATIONS

|                                                |                                                                                                                   |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                            |
| Reactivity                                     | Human, Rat                                                                                                        |
| Clonality                                      | Polyclonal                                                                                                        |
| Isotype                                        | IgG                                                                                                               |
| Specificity                                    | Ribosomal Protein S2 antibody detects endogenous levels of total Ribosomal Protein S2                             |
| Purity/Purification                            | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.                     |
| Form/Format                                    | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                     |
| Concentration                                  | 1mg/ml (varies by lot)                                                                                            |
| Sequence Length                                | 293                                                                                                               |
| Applicable Applications for anti-RPS2 antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                      |
| Immunogen                                      | A synthesized peptide derived from human Ribosomal Protein S2                                                     |
| Predicted Cross Reactivity                     | <b>Pig, Zebrafish, Bovine, Horse, Sheep, Dog, Chicken, Xenopus</b>                                                |
| Similarity                                     | Pig (100%), Zebrafish (90%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%), Chicken (100%), Xenopus (90%) |
| Conjugation                                    | Unconjugated                                                                                                      |
| Preparation and Storage                        | Store at -20 degree C. Stable for 12 months from date of receipt.                                                 |

## IMAGES


**WB (Western Blot)**

Western blot analysis of Ribosomal Protein S2 using HeLa whole cell lysates


**WB (Western Blot)**

Western blot analysis of extracts from rat brain, using Ribosomal Protein S2 Antibody.



#### IF (Immunofluorescence)

AAA322615 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

## ADDITIONAL INFORMATION

### Related Product Information for anti-RPS2 antibody

Post-translational Modifications: Citrullinated by PADI4 in the Arg/Gly-rich region. Asymmetric arginine dimethylation by PRMT3 occurs at multiple sites in the Arg/Gly-rich region.  
Similarity: Belongs to the universal ribosomal protein uS5 family.

## NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 15055539                              |
| NCBI GeneID                      | 6187                                  |
| NCBI Accession #                 | NP_002943.2                           |
| NCBI GenBank Nucleotide #        | NM_002952.3                           |
| UniProt Accession #              | P15880; Q3MIB1; B2R5G0; D3DU82        |
| Molecular Weight                 | Observed: 31 kDa<br>Predicted: 32 kDa |
| NCBI Official Full Name          | 40S ribosomal protein S2              |
| NCBI Official Synonym Full Names | ribosomal protein S2                  |
| NCBI Official Symbol             | RPS2                                  |
| NCBI Official Synonym Symbols    | S2; LLREP3                            |
| NCBI Protein Information         | 40S ribosomal protein S2              |
| UniProt Protein Name             | 40S ribosomal protein S2              |
| UniProt Gene Name                | <b>RPS2</b>                           |
| UniProt Synonym Gene Names       | RPS4                                  |

**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/ribosomal-protein-s2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/322615>