

## Rabbit RPS5 Polyclonal Antibody | anti-RPS5 antibody

RPS5 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                 |
|-----------|--------|-------------------|--------------------------------------------------------------|
| AAA324371 | Rabbit | Human, Mouse, Rat | ELISA, Immunocytochemistry, Immunofluorescence, Western Blot |

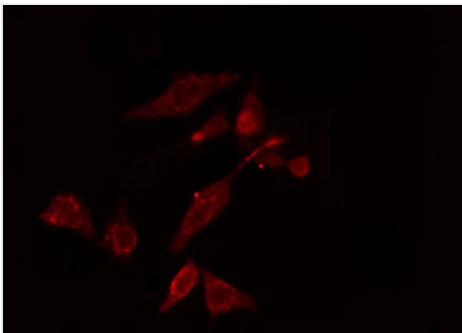
### PRODUCT SYNONYMS

RPS5; Polyclonal Antibody; RPS5 Antibody; 40S ribosomal protein S5; 40S ribosomal protein S5 N terminally processed; Ribosomal protein S5; RPS 5; RS5; S5; anti-RPS5 antibody

### PRODUCT SPECIFICATIONS

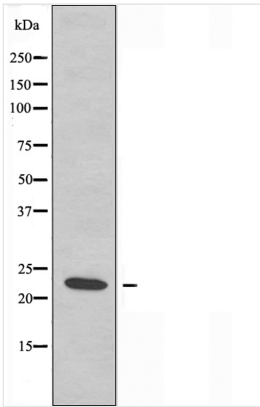
|                                                |                                                                                                                    |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                             |
| Reactivity                                     | Human, Mouse, Rat                                                                                                  |
| Clonality                                      | Polyclonal                                                                                                         |
| Isotype                                        | IgG                                                                                                                |
| Specificity                                    | RPS5 antibody detects endogenous levels of total RPS5                                                              |
| 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                                | 204                                                                                                                |
| Applicable Applications for anti-RPS5 antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                       |
| Immunogen                                      | A synthesized peptide                                                                                              |
| Subcellular Location                           | Cytoplasmic                                                                                                        |
| Predicted Cross Reactivity                     | <b>Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus</b>                                                  |
| Similarity                                     | Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (100%) |
| Conjugation                                    | Unconjugated                                                                                                       |
| Preparation and Storage                        | Store at -20 degree C. Stable for 12 months from date of receipt.                                                  |

IMAGES



IF (Immunofluorescence)

AAA324371 staining COLO cells 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) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from COLO205 cells, using RPS5 antibody.

ADDITIONAL INFORMATION

|                                                    |                                                                    |
|----------------------------------------------------|--------------------------------------------------------------------|
| Related Product Information for anti-RPS5 antibody | Similarity: Belongs to the universal ribosomal protein uS7 family. |
|----------------------------------------------------|--------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                      |
|----------------------------------|--------------------------------------|
| NCBI GI #                        | 13904870                             |
| NCBI GeneID                      | 6193                                 |
| NCBI Accession #                 | NP_001000.2                          |
| NCBI GenBank Nucleotide #        | NM_001009.3                          |
| UniProt Accession #              | P46782; Q96BN0; B2R4T2               |
| Molecular Weight                 | Observed: 22 kD<br>Predicted: 23 kDa |
| NCBI Official Full Name          | 40S ribosomal protein S5             |
| NCBI Official Synonym Full Names | ribosomal protein S5                 |
| NCBI Official Symbol             | RPS5                                 |
| NCBI Official Synonym Symbols    | S5                                   |
| NCBI Protein Information         | 40S ribosomal protein S5             |
| UniProt Protein Name             | 40S ribosomal protein S5             |
| UniProt Gene Name                | RPS5                                 |

**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/rps5-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324371>