

## Rabbit RPS13 Polyclonal Antibody | anti-RPS13 antibody

RPS13 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                             |
|-----------|--------|-------------------|------------------------------------------|
| AAA177291 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry |

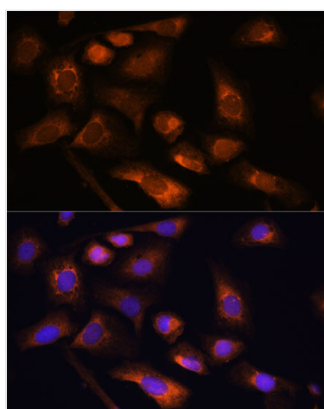
### PRODUCT SYNONYMS

RPS13; Polyclonal Antibody; RPS13 Polyclonal Antibody; S13; anti-RPS13 antibody

### PRODUCT SPECIFICATIONS

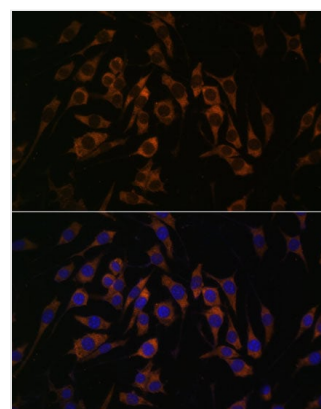
|                                                 |                                                        |
|-------------------------------------------------|--------------------------------------------------------|
| Host                                            | Rabbit                                                 |
| Reactivity                                      | Human, Mouse, Rat                                      |
| Clonality                                       | Polyclonal                                             |
| Isotype                                         | IgG                                                    |
| Purity/Purification                             | Affinity purification                                  |
| Form/Format                                     | PBS with 0.02% sodium azide, 50% glycerol, pH7.3       |
| Concentration                                   | 1mg/mL (varies by lot)                                 |
| Applicable Applications for anti-RPS13 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry)    |
| Immunogen                                       | Recombinant fusion protein of human RPS13 (NP_0010081) |
| Conjugation                                     | Unconjugated                                           |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.       |

### IMAGES



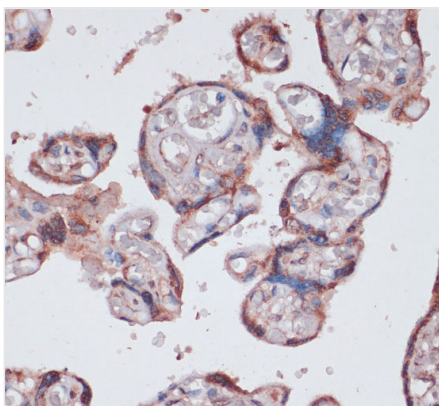
#### IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using RPS13 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



#### IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using RPS13 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



**IHC (Immunohistochemistry)**  
 Immunohistochemistry of paraffin-embedded Human placenta using RPS13 Polyclonal Antibody at dilution of 1:100 (40x lens).

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RPS13 antibody | Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S15P family of ribosomal proteins. It is located in the cytoplasm. The protein has been shown to bind to the 5.8S rRNA in rat. The gene product of the E. coli ortholog (ribosomal protein S15) functions at early steps in ribosome assembly. This gene is co-transcribed with two U14 small nucleolar RNA genes, which are located in its third and fifth introns. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. |
| Product Categories/Family for anti-RPS13 antibody   | Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 4506685                                        |
| NCBI GeneID                      | 6207                                           |
| NCBI Accession #                 | NP_001008.1                                    |
| NCBI GenBank Nucleotide #        | NM_001017.2                                    |
| UniProt Accession #              | P62277; P19116; Q02546; Q29200; Q498Y0; B2R549 |
| Molecular Weight                 | 17,222 Da                                      |
| NCBI Official Full Name          | 40S ribosomal protein S13                      |
| NCBI Official Synonym Full Names | ribosomal protein S13                          |
| NCBI Official Symbol             | RPS13                                          |
| NCBI Official Synonym Symbols    | S13                                            |
| NCBI Protein Information         | 40S ribosomal protein S13                      |
| UniProt Protein Name             | 40S ribosomal protein S13                      |
| UniProt Gene Name                | <b>RPS13</b>                                   |
| UniProt Entry Name               | RS13_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.

