

## Rabbit anti-Human, Mouse RPS3 Polyclonal Antibody | anti-RPS3 antibody

RPS3 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA309048 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot |

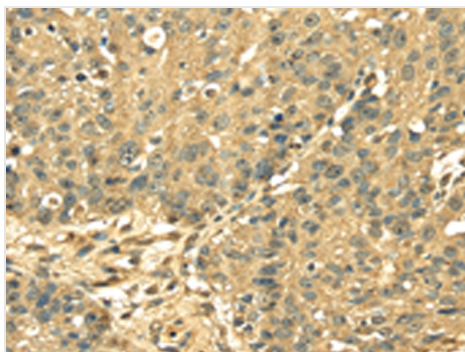
### PRODUCT SYNONYMS

RPS3; Polyclonal Antibody; RPS3 Antibody; S3; anti-RPS3 antibody

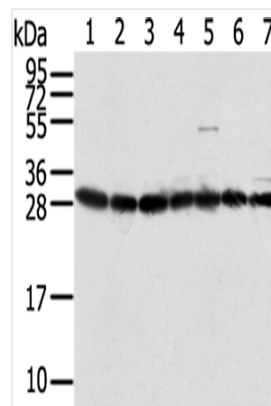
### PRODUCT SPECIFICATIONS

|                                                |                                                                 |
|------------------------------------------------|-----------------------------------------------------------------|
| Host                                           | Rabbit                                                          |
| Reactivity                                     | Human, Mouse                                                    |
| Clonality                                      | Polyclonal                                                      |
| Specificity                                    | The antibody detects endogenous levels of total RPS3 protein.   |
| Purity/Purification                            | Antigen Affinity Purification                                   |
| Form/Format                                    | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol. |
| Concentration                                  | 1.3 mg/ml (varies by lot)                                       |
| Sequence Length                                | 243                                                             |
| Applicable Applications for anti-RPS3 antibody | IHC (Immunohistochemistry), WB (Western Blot)                   |
| Immunogen                                      | Full length fusion protein of human RPS3                        |
| Immunogen Type                                 | Protein                                                         |
| Preparation and Storage                        | Store at -20 degree C                                           |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using at dilution 1/25,


**WB (Western Blot)**

Gel: 12%SDS-PAGE Lysate: 40 µg Lane 1-7: HepG2 cells, Jurkat cells, HeLa cells, Raji cells, RAW264.7 cells, A549 cells, 293T cells, Primary antibody: 1/350 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 10 seconds

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RPS3 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, where it forms part of the domain where translation is initiated. The protein belongs to the S3P family of ribosomal proteins. Studies of the mouse and rat proteins have demonstrated that the protein has an extraribosomal role as an endonuclease involved in the repair of UV-induced DNA damage. |
| Product Categories/Family for anti-RPS3 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 15718687                               |
| NCBI GeneID                      | 6188                                   |
| NCBI Accession #                 | NP_000996.2                            |
| NCBI GenBank Nucleotide #        | NM_001005.4                            |
| UniProt Accession #              | P23396; Q498B5; Q8NI95; B2R7N5; J3KN86 |
| Molecular Weight                 | 28,487 Da                              |
| NCBI Official Full Name          | 40S ribosomal protein S3 isoform 1     |
| NCBI Official Synonym Full Names | ribosomal protein S3                   |
| NCBI Official Symbol             | RPS3                                   |
| NCBI Official Synonym Symbols    | S3                                     |
| NCBI Protein Information         | 40S ribosomal protein S3               |
| UniProt Protein Name             | 40S ribosomal protein S3               |
| UniProt Gene Name                | RPS3                                   |
| UniProt Entry Name               | RS3_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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