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## Ribosomal Protein S12 (RPS12) Antibody

Catalogue No.: abx027119



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 S12E family of ribosomal proteins. It is located in the cytoplasm. Increased expression of this gene in colorectal cancers compared to matched normal colonic mucosa has been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

**Target:** RPS12

**Reactivity:** Human, Mouse

**Host:** Rabbit

**Clonality:** Polyclonal

**Tested Applications:** WB

**Recommended dilutions:** Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Human RPS12.

**Purification:** Peptide Affinity Purified Rabbit Polyclonal Antibody.

**Isotype:** IgG

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**Conjugation:** Unconjugated

**Specificity:** This RPS12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-44 amino acids from the N-terminal region of human RPS12.

**Storage:** Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

**Swiss Prot:** [P25398](#)

**Gene Symbol:** RPS12

**Buffer:** PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Note:** This product is for research use only.