

Datasheet for ABIN7142487

**anti-RPS12 antibody (AA 1-132) (HRP)**[Go to Product page](#)

## Overview

|                      |                                          |
|----------------------|------------------------------------------|
| Quantity:            | 100 µg                                   |
| Target:              | RPS12                                    |
| Binding Specificity: | AA 1-132                                 |
| Reactivity:          | Human                                    |
| Host:                | Rabbit                                   |
| Clonality:           | Polyclonal                               |
| Conjugate:           | This RPS12 antibody is conjugated to HRP |
| Application:         | ELISA                                    |

## Product Details

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| Immunogen:        | Recombinant Human 40S ribosomal protein S12 protein (1-132AA) |
| Isotype:          | IgG                                                           |
| Cross-Reactivity: | Human                                                         |
| Purification:     | >95%, Protein G purified                                      |

## Target Details

|                   |                                                                                                                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | RPS12                                                                                                                                                                                     |
| Alternative Name: | RPS12 ( <a href="#">RPS12 Products</a> )                                                                                                                                                  |
| Background:       | Background: 40S ribosomal protein S12 is a protein that in humans is encoded by the RPS12 gene. Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit |

## Target Details

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.

Aliases: 40S ribosomal protein S12 antibody, ribosomal protein S12 antibody, rps12 antibody, RS12\_HUMAN antibody, S12 antibody

UniProt: [P25398](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.