

Ribosomal Protein S21 rabbit pAb

Cat No.:ES7104

For research use only

Overview

Product Name Ribosomal Protein S21 rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/10000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human RPS21. AA range:31-80

Specificity Ribosomal Protein S21 Polyclonal Antibody detects

endogenous levels of Ribosomal Protein S21

protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name 40S ribosomal protein S21

Gene Name RPS21

Cellular localization Cytoplasm, cytosol . Cytoplasm . Rough endoplasmic

reticulum . Detected on cytosolic polysomes (PubMed:25957688). Detected in ribosomes that are associated with the rough endoplasmic

reticulum (By similarity). .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 6227 Human Swiss-Prot Number P63220

Alternative Names RPS21; 40S ribosomal protein S21

Background Ribosomes, the organelles that catalyze protein

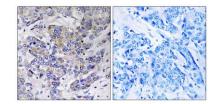
synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed





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 S21E family of ribosomal proteins. It is located in the cytoplasm. Alternative splice variants that encode different protein isoforms have been described, but their existence has not been verified. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008],

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using RPS21 Antibody. The picture on the right is blocked with the synthesized peptide.



+86-27-59760950

