



Ribosomal Protein S21 Polyclonal Antibody

Catalog No	YP-Ab-04163
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;ELISA
Gene Name	RPS21
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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Small ribosomal subunit protein eS21;ribosomal protein S21;40S ribosomal protein S21;RPS21
Observed Band	22kD
Calculated Molecular Weight	22kD
Cell Pathway	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). .
Tissue Specificity	Blood cells,Brain,Pancreas,Placenta,T-cell,
Function	similarity:Belongs to the ribosomal protein S21e family.,
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],

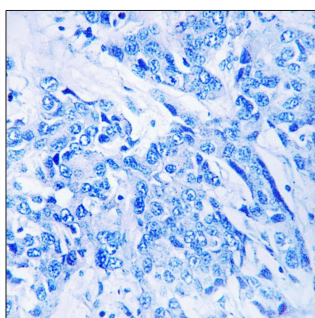
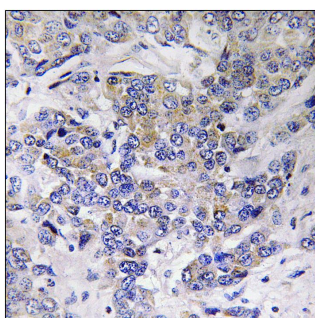
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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