

**Ribosomal Protein S21 Polyclonal Antibody**

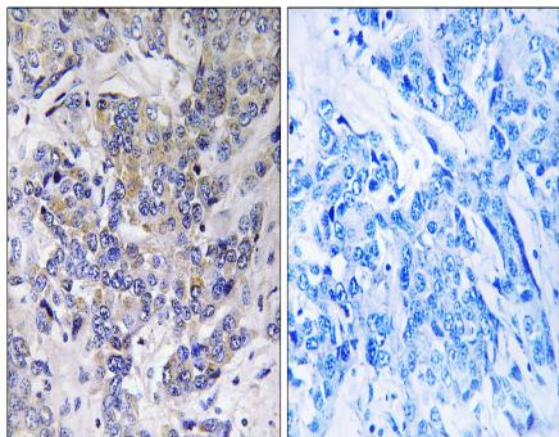
<b>Catalog No :</b>	YT4130
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	Ribosomal Protein S21
<b>Fields :</b>	>>Ribosome;>>Coronavirus disease - COVID-19
<b>Gene Name :</b>	RPS21
<b>Protein Name :</b>	40S ribosomal protein S21
<b>Human Gene Id :</b>	6227
<b>Human Swiss Prot No :</b>	P63220
<b>Mouse Gene Id :</b>	66481
<b>Mouse Swiss Prot No :</b>	Q9CQR2
<b>Rat Gene Id :</b>	1.00363e+008
<b>Rat Swiss Prot No :</b>	P05765
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human RPS21. AA range:31-80
<b>Specificity :</b>	Ribosomal Protein S21 Polyclonal Antibody detects endogenous levels of Ribosomal Protein S21 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200

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<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	9kD
<b>Cell Pathway :</b>	Ribosome;
<b>Background :</b>	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],
<b>Function :</b>	similarity:Belongs to the ribosomal protein S21e family.,
<b>Subcellular Location :</b>	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). .
<b>Expression :</b>	Blood cells,Brain,Pancreas,Placenta,T-cell,

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## 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.