

## **RS7** Polyclonal Antibody

YP-Ab-05244
lgG
Human;Mouse;Rat
WB;ELISA
RPS7
40S ribosomal protein S7
Synthesized peptide derived from human protein . at AA range: 50-130
RS7 Polyclonal Antibody detects endogenous levels of protein.
Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Polyclonal, Rabbit,IgG
The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
WB 1:500-2000 ELISA 1:5000-20000
1 mg/ml
≥90%
-20°C/1 year
21kD
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Colocalizes with NEK6 in the centrosome
Brain,Liver,Lung,Placenta,Spleen,
disease:Defects in RPS7 are the cause of Diamond-Blackfan anemia type 8 (DBA8) [MIM:612563]. DBA8 is a form of Diamond-Blackfan anemia, a congenital non-regenerative hypoplastic anemia that usually presents early in infancy. Diamond-Blackfan anemia is characterized by a moderate to severe macrocytic anemia, erythroblastopenia, and an increased risk of malignancy. 30 to 40% of Diamond-Blackfan anemia patients present with short stature and congenital anomalies, the most frequent being craniofacial (Pierre-Robin syndrome and cleft palate), thumb and urogenital anomalies.,function:Required for rRNA maturation.,similarity:Belongs to the ribosomal protein S7e family.,subunit:Binds IPO9 with high affinity.,
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 S7E family of ribosomal proteins. It is located in the cytoplasm. As is typical for



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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**

