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Datasheet for ABIN7450691
anti-RPS24 antibody (AA 83-133)

Overview

Quantity:	100 µg
Target:	RPS24
Binding Specificity:	AA 83-133
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS24 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-RPS24 Antibody, Affinity Purified
Immunogen:	Between AA 83 and 133
Isotype:	IgG
Predicted Reactivity:	Mouse,Rat,Golden hamster
Purification:	Affinity Purified

Target Details

Target:	RPS24
Alternative Name:	RPS24 (RPS24 Products)
Background:	Background: RPS24 (40S ribosomal protein S24) is a component of the 40S ribosomal subunit

Target Details

required for the processing of pre-rRNA and maturation of the 40S ribosomal subunits. Defects in the RPS24 gene are the cause of Diamond-Blackfan anemia type 3 (DBA3) [MIM:610629]. DBA3 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 [taken from the Universal Protein Resource (UniProt) P62847].

Gene ID: 6229

NCBI Accession: [NP_001017](#)

UniProt: [P62847](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

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

Storage: 4 °C

Expiry Date: 12 months