.-online.com antibodies

Datasheet for ABIN7260019 anti-RPL5 antibody

3 Images



Overview

Quantity:	200 µL
Target:	RPL5
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPL5 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

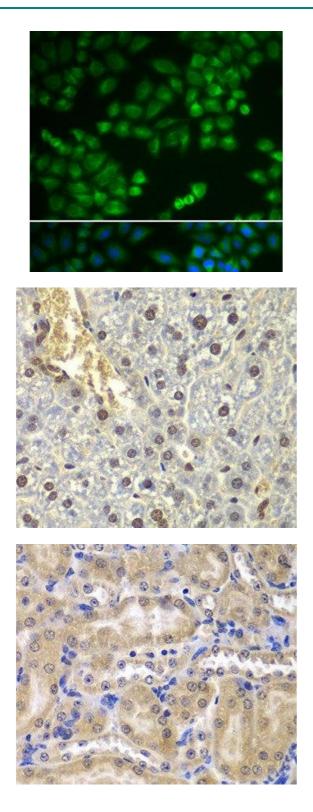
Immunogen:	Recombinant fusion protein of human RPL5 (NP_000960.2).
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	RPL5
Alternative Name:	RPL5 (RPL5 Products)
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 60S subunit. The protein belongs to the L18P family of ribosomal proteins. It is located in

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7260019 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

	the cytoplasm. The protein binds 5S rRNA to form a stable complex called the 5S
	ribonucleoprotein particle (RNP), which is necessary for the transport of nonribosome-
	associated cytoplasmic 5S rRNA to the nucleolus for assembly into ribosomes. The protein
	interacts specifically with the beta subunit of casein kinase II. Variable expression of this gene
	in colorectal cancers compared to adjacent normal tissues has been observed, although no
	correlation between the level of expression and the severity of the disease has been found. This
	gene is co-transcribed with the small nucleolar RNA gene U21, which is located in its fifth
	intron. As is typical for genes encoding ribosomal proteins, there are multiple processed
	pseudogenes of this gene dispersed through the genome.
Gene ID:	6125
UniProt:	P46777
Application Details	
Application Notes:	IHC 1:50-1:200 IF 1:50-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of MCF-7 cells using RPL5 Polyclonal Antibody

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Mouse liver using RPL5 Polyclonal Antibody at dilution of 1:200 (40x lens).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Mouse kidney using RPL5 Polyclonal Antibody at dilution of 1:200 (40x lens).

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7260019 | 09/10/2023 | Copyright antibodies-online. All rights reserved.