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Datasheet for ABIN7261074 anti-KRR1 antibody

2 Images



Overview

Quantity:	200 µL
Target:	KRR1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KRR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human KRR1 (NP_008974.5).
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	KRR1
Alternative Name:	KRR1 (KRR1 Products)
Background:	The SSU is a large ribonucleoprotein consisting of at least 40 proteins and the U3 small nucleolar RNA. It is involved in pre-rRNA processing and ribosome assembly. The SSU is
	necessary for the biogenesis of the 18S rRNA. Cells that are depleted of SSU proteins will arrest
	in the G1 phase of the cell cycle. KRR1, also known as HRB2 (HIV-1 Rev binding protein 2) or

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Target Details

	RIP-1 (Rev interacting protein 1), is a nonribosomal component of the small subunit
	processome (SSU). KRR1 is 381 amino acids in length and is evolutionarily conserved among
	human, yeast, fly, nematode and rice. KRR1 localizes to the nucleolus and is highly expressed in
	dividing cells. It contains one conserved KH domain (RNA-binding motif) and is a crucial
	component of the SSU, required for both rRNA maturation and ribosome biogenesis.
Molecular Weight:	Observed_MW: 44 kDa
	Calculated_MW: 36 kDa/43 kDa
Gene ID:	11103
UniProt:	Q13601
Application Details	

Application Notes:	WB 1:500-1:2000 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.

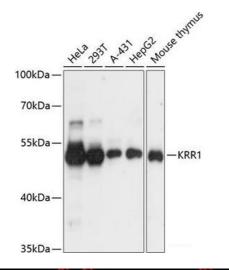
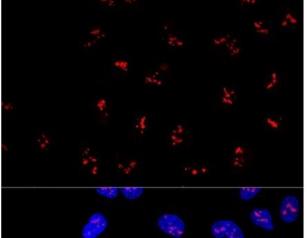




Image 1. Western blot analysis of extracts of various cell lines using KRR1 Polyclonal Antibody at dilution of 1:3000.

Immunofluorescence

Image 2. Confocal immunofluorescence analysis of U2OS cells using KRR1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



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