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Datasheet for ABIN7269988 anti-RRM1 antibody

2 Images



Overview

Quantity:	100 µL
Target:	RRM1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This RRM1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	RRM1 Rabbit mAb
Immunogen:	A synthesized peptide derived from human RRM1
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	RRM1
Alternative Name:	RRM1 (RRM1 Products)
Background:	This gene encodes the large and catalytic subunit of ribonucleotide reductase, an enzyme

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Target Details

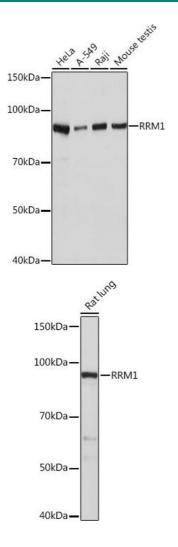
	essential for the conversion of ribonucleotides into deoxyribonucleotides. A pool of available
	deoxyribonucleotides is important for DNA replication during S phase of the cell cycle as well as
	multiple DNA repair processes. Alternative splicing results in multiple transcript variants.
	[provided by RefSeq, Dec 2015],R1, RIR1, RR1,Epigenetics & Nuclear Signaling,RRM1
Molecular Weight:	90kDa
Gene ID:	6240
UniProt:	P23921
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using RRM1 Rabbit mAb (ABIN7269988) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 5s.

Western Blotting

Image 2. Western blot analysis of extracts of Rat lung, using RRM1 Rabbit mAb (ABIN7269988) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 30s.

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