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Datasheet for ABIN6264867 anti-RRM1 antibody (Internal Region)

2 Images

1 Publication



Overview

Quantity:	100 µL
Target:	RRM1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RRM1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human RRM1, corresponding to a region within the internal amino acids.
Isotype:	lgG
Specificity:	RRM1 Antibody detects endogenous levels of total RRM1.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	RRM1	
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		

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Target Details

Alternative Name:	RRM1 (RRM1 Products)
Background:	Description: Provides the precursors necessary for DNA synthesis. Catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides. Gene: RRM1
Molecular Weight:	90kDa
Gene ID:	6240
UniProt:	P23921
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

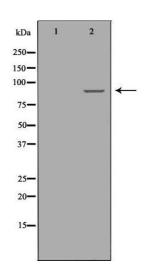
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %
	glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months
Publications	
Product cited in:	Liu, Wu, Zhu, Li, Liu: "IRG1 increases MHC class I level in macrophages through STAT-TAP1 axis
	depending on NADPH oxidase mediated reactive oxygen species." in: International

immunopharmacology, Vol. 48, pp. 76-83, (2018) (PubMed).

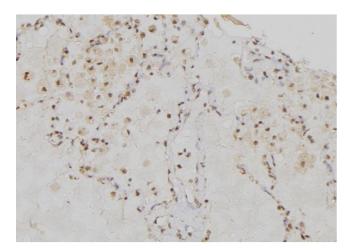
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Images



Western Blotting

Image 1. Western blot analysis of A549 using RRM1 antibody. The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 2. ABIN6276555 at 1/100 staining Human lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22_jãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary

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