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Datasheet for ABIN2855100 anti-ADAR antibody

5 Images



Overview

Quantity:	100 µL
Target:	ADAR
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAR antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ADAR1. The exact sequence is proprietary.
Isotype:	lgG
Cross-Reactivity:	Human, Rat
Characteristics:	Rabbit Polyclonal antibody to ADAR1 (adenosine deaminase, RNA-specific) ADAR1 antibody [N3C1], Internal
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated
Target Details	

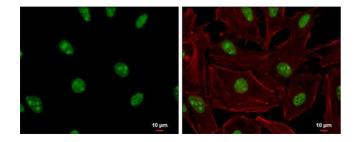
Target: ADAR

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 ABIN2855100 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Target Details	
Alternative Name:	adenosine deaminase RNA specific (ADAR Products)
Background:	This gene encodes the enzyme responsible for RNA editing by site-specific deamination of adenosines. This enzyme destabilizes double stranded RNA through conversion of adenosine to inosine. Mutations in this gene have been associated with dyschromatosis symmetrica hereditaria. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
	Cellular Localization: Cytoplasm , Nucleus , nucleolus
Molecular Weight:	136 kDa
Gene ID:	103
UniProt:	P55265
Pathways:	Protein targeting to Nucleus
Application Details	
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , A431 , HeLa , HepG2 Validation: KO/KD
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.82 mg/mL
Buffer:	1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

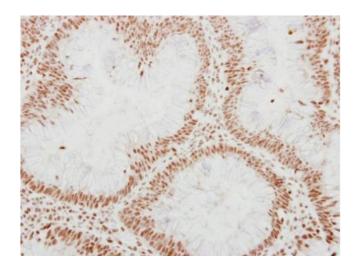
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN2855100 | 09/11/2023 | Copyright antibodies-online. All rights reserved. (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



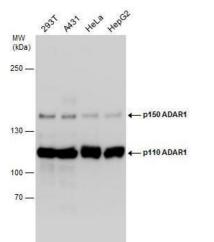
Immunofluorescence

Image 1. ICC/IF Image ADAR1 antibody [N3C1], Internal detects ADAR1 protein at nucleolus and nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: ADAR1 protein stained by ADAR1 antibody [N3C1], Internal , diluted at 1:200. Red: phalloidin, a cytoskeleton marker, diluted at 1:200. Blue: Hoechst 33342 staining. Scale bar = 10 µm.



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded human colon carcinoma, using ADAR1, antibody at 1:250 dilution.



Western Blotting

Image 3. WB Image Various whole cell extracts (30 μ g) were separated by 5% SDS-PAGE, and the membrane was blotted with ADAR1 antibody [N3C1], Internal , diluted at 1:1000.

Please check the product details page for more images. Overall 5 images are available for ABIN2855100.

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