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Datasheet for ABIN7168099 anti-DROSHA antibody (AA 1-100)

Image



Overview

Quantity:	100 μL
Target:	DROSHA
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DROSHA antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Ribonuclease 3 protein (1-100AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Antigen Affinity purified & Affinity purified

Target Details

Target:	DROSHA
Alternative Name:	DROSHA (DROSHA Products)
Background:	Background: Ribonuclease III double-stranded (ds) RNA-specific endoribonuclease that is
	involved in the initial step of microRNA (miRNA) biogenesis. Component of the microprocessor

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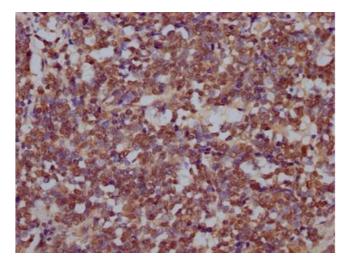
	complex that is required to process primary miRNA transcripts (pri-miRNAs) to release
	precursor miRNA (pre-miRNA) in the nucleus. Within the microprocessor complex, DROSHA
	cleaves the 3\' and 5\' strands of a stem-loop in pri-miRNAs (processing center 11 bp from the
	dsRNA-ssRNA junction) to release hairpin-shaped pre-miRNAs that are subsequently cut by the
	cytoplasmic DICER to generate mature miRNAs. Involved also in pre-rRNA processing. Cleaves
	double-strand RNA and does not cleave single-strand RNA. Involved in the formation of GW
	bodies.
	Aliases: DROSHA antibody, Drosha double stranded RNA specific endoribonuclease antibody,
	Drosha ribonuclease type III antibody, Etohi2 antibody, HSA242976 antibody, Nuclear RNase III
	Drosha antibody, p241 antibody, Protein Drosha antibody, Putative protein p241 which interacts
	with transcription factor Sp1 antibody, Putative ribonuclease III antibody, RANSE3L antibody,
	Ribonuclease 3 antibody, Ribonuclease III antibody, Ribonuclease III nuclear antibody,
	Ribonuclease type III nuclear antibody, RibonucleaseIII antibody, RN 3 antibody, RN3 antibody,
	RNase 3 antibody, RNase III antibody, RNase3 antibody, RNASE3L antibody, RNaseIII antibody,
	RNASEN antibody, RNC_HUMAN antibody
Prot [.]	09NRR4

UniProt:	Q9NRR4
Pathways:	Regulatory RNA Pathways

Application Details

Application Notes:	Recommended dilution: IHC:1:200-1:500,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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Immunohistochemistry

Image 1. IHC image of ABIN7168099 diluted at 1:200 and staining in paraffin-embedded human lung cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit IgG labeled by HRP and visualized using 0.05 % DAB.

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