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Datasheet for ABIN7168101

anti-DROSHA antibody (AA 1-100) (FITC)

Overview

Quantity:	100 µL
Target:	DROSHA
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DROSHA antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Ribonuclease 3 protein (1-100AA)
Isotype:	IgG
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

Target Details

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, Ribonucleasell antibody, RN 3 antibody, RN3 antibody, RNase 3 antibody, RNase III antibody, RNase3 antibody, RNASE3L antibody, RNaseIII antibody, RNASEN antibody, RNC_HUMAN antibody

UniProt: [Q9NRR4](#)

Pathways: [Regulatory RNA Pathways](#)

Application Details

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.