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Datasheet for ABIN7168100  
**anti-DROSHA antibody (AA 1-100) (Biotin)**

### Overview

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

### 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 ( <a href="#">DROSHA Products</a> )
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

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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, Ribonucleaselll antibody, RN 3 antibody, RN3 antibody, RNase 3 antibody, RNase III antibody, RNase3 antibody, RNASE3L antibody, RNaseIII antibody, RNASEN antibody, RNC\_HUMAN antibody

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UniProt: [Q9NRR4](#)

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Pathways: [Regulatory RNA Pathways](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.