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Datasheet for ABIN6943116  
**anti-DROSHA antibody**

### Overview

Quantity:	100 µL
Target:	DROSHA
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This DROSHA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Flow Cytometry (FACS)

### Product Details

Immunogen:	Recombinant protein within human Drosha aa 1-150
Clone:	5C9
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

### Target Details

Target:	DROSHA
Alternative Name:	Drosha ( <a href="#">DROSHA Products</a> )

## Target Details

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Background:	<p>Synonyms: Ribonuclease 3, Protein Drosha, Ribonuclease III, p241, RNase III, DROSHA, RN3, RNASE3L, RNASEN.</p> <p>Background: Ribonuclease III double-stranded (ds) RNA-specific endoribonuclease that is involved in the initial step of microRNA (miRNA) biogenesis. Component of the microprocessor 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.</p>
Gene ID:	29102
UniProt:	<a href="#">Q9NRR4</a>
Pathways:	<a href="#">Regulatory RNA Pathways</a>

## Application Details

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Application Notes:	<p>WB 1:300-5000</p> <p>FCM 1:20-100</p> <p>IHC-P 1:200-400</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1xTBS ( pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.
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

## Handling

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Storage Comment: Store at 4°C for up to 2 weeks. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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Expiry Date: 12 months