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anti-DROSHA antibody (C-Term)

2 Images



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Quantity:	100 μL	
Target:	DROSHA	
Binding Specificity:	C-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This DROSHA antibody is un-conjugated	
Application:	Western Blotting (WB), Immunoprecipitation (IP)	
Product Details		
Immunogen:	This Drosha antibody was raised against a peptide within the C-terminal region of human Drosha.	
Isotype:	IgG	
Characteristics:	Drosha is an RNAse III enzyme that is involved in the process of generating microRNA (miRNA). miRNA interacts with the RNA-induced silencing complex (RISC) to cleave mRNA and thus downregulate gene expression. Drosha is a double stranded RNAse and part of the Microprocessor complex. Other RNAse III enzymes include Dicer and Argonaute. Drosha initiates processing of the miRNA precursor (pri-miRNA) in the nucleus, which is then exported to the cytoplasm and further cleaved by Dicer into a mature miRNA. Drosha antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunoprecipitation and Western blot, it has been shown to react with Human samples.	

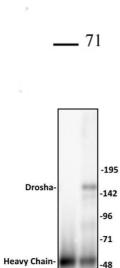
Product Details Affinity Purified Purification: **Target Details DROSHA** Target: Alternative Name Drosha (DROSHA Products) Molecular Weight: 160 kDa NCBI Accession: NP_037367 Pathways: Regulatory RNA Pathways **Application Details** Optimal working dilution should be determined by the investigator. Application Notes: Restrictions: For Research Use only Handling Buffer: Purified IgG in 70 mM Tris (pH 8), 105 mM NaCl, 31 mM glycine, 0.07 mM EDTA, 30 % glycerol and 0.035 % sodium azide. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Storage: -20 °C

Storage Comment:

20°C for up to 2 years. Keep all reagents on ice when not in storage.

Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -





Light Chain-

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Western Blotting

Image 1. Drosha antibody (pAb) tested by Western blot. HeLa cell nuclear extract (40 μg) probed with Drosha antibody at a dilution of 1:500.

Immunoprecipitation

Image 2. Drosha antibody (pAb) tested by Immunoprecipitation. 10 μ L of Drosha antibody was used to immunoprecipitate Drosha from 250 μ g of HeLa nuclear cell extract (lane 2). 10 μ L of rabbit IgG was used as a negative control (lane 1). The immunoprecipitated protein was detected by Western blotting using the Drosha antibody at a dilution of 1:500.