

Datasheet for ABIN1538601
anti-DROSHA antibody (AA 737-764)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	DROSHA
Binding Specificity:	AA 737-764
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DROSHA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Mouse Rnasen antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 737-764 amino acids from the Central region of mouse Rnasen.
Clone:	RB38658
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DROSHA
Alternative Name:	Rnasen (DROSHA Products)
Background:	Ribonuclease III double-stranded (ds) RNA-specific endoribonuclease that is involved in the

Target Details

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, RNASEN/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 (By similarity).

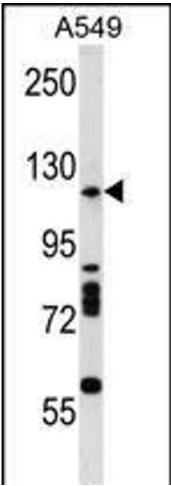
Molecular Weight:	158828
Gene ID:	14000
NCBI Accession:	NP_001123621 , NP_081075
UniProt:	Q5HZJ0
Pathways:	Regulatory RNA Pathways

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C, -20 °C
Storage Comment:	Mouse Rnasen Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. Mouse Rnasen Antibody (Center) (ABIN1538601 and ABIN2850331) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the Rnasen antibody detected the Rnasen protein (arrow).