

Nur für Forschungszwecke

DROSHA Polyklonaler Antikörper

Katalog-Nr.: 27958-1-AP



Allgemeine Informationen

Katalog-Nr.: 27958-1-AP	GenBank-Zugangsnummer: NM_001100412	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 850 µg/ml von Nanodrop;	GeneID (NCBI): 29102	Empfohlene Verdünnungen: WB 1:2000-1:16000 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: ribonuclease type III, nuclear	
Isotyp: IgG	Berechnete Masse: 159 aa	
Immunogen Katalognummer: AG27533	Beobachtete Masse: 150 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen: WB : HEK-293T-Zellen, HeLa-Zellen
Getestete Reaktivität: Human	IF : U2OS-Zellen,

Hintergrundinformationen

DROSHA, also named as RN3, RNASE3L, P241 and RNASEN, is double-stranded (ds) RNA-specific endoribonuclease that is involved in the initial step of microRNA (miRNA) biogenesis. It is a 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. RNASEN is involved also in pre-rRNA processing. Cleaves double-strand RNA and does not cleave single-strand RNA. And it is involved in the formation of GW bodies. The antibody is specific to DROSHA.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

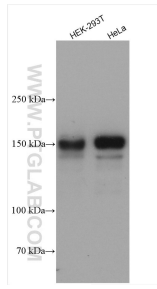
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

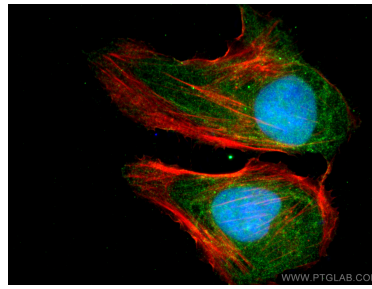
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 27958-1-AP (DROSHA antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using DROSHA antibody (27958-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).