

Drosha Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_037367.3

Catalog No. A301-886A

GeneID 29102

Lot No. A301-886A-2



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to Drosha immobilized on solid support.

The epitope recognized by A301-886A maps to a region between residue 1324 and 1374 of human double-stranded RNA-specific endoribonuclease using the numbering given in entry NP_037367.3 (GeneID 29102).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 10 µg/mg lysate

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

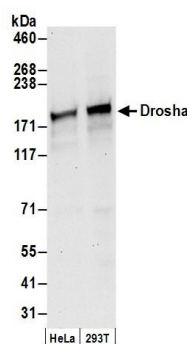
ADDITIONAL INFO

<https://www.bethyl.com/product/A301-886A>

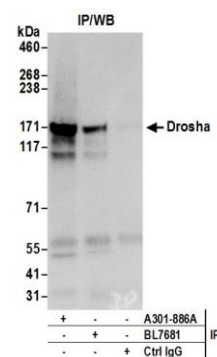
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human Drosha by western blot. *Samples:* Whole cell lysate (50 μ g) from HeLa and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Drosha antibody A301-886A (lot A301-886A-2) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human Drosha by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Drosha antibody A301-886A (lot A301-886A-2) used for IP at 6 μ g per reaction. Drosha was also immunoprecipitated by rabbit anti-Drosha antibody BL7681. For blotting immunoprecipitated Drosha, A301-886A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.