

Rabbit anti-Human Drosha Polyclonal Antibody | anti-Drosha antibody

Rabbit anti-Drosha Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211666	Rabbit	Human	Immunoprecipitation, Western Blot

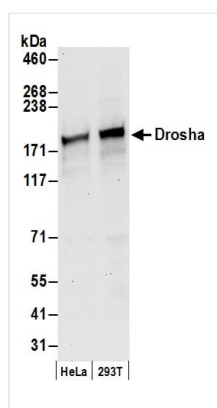
PRODUCT SYNONYMS

Drosha; Polyclonal Antibody; Rabbit anti-Drosha Antibody; Affinity Purified; RANSE3L; ribonuclease 3; RNASEN; RNASE3L; RNase III; RN3; ribonuclease type III; nuclear; drosha; double-stranded RNA-specific endoribonuclease; putative protein p241 which interacts with transcription factor Sp1; putative ribonuclease III; Protein Drosha; p241; nuclear RNase III Drosha; HSA242976; ETOH12; Ribonuclease III; Ribonuclease 3; drosha ribonuclease III; anti-Drosha antibody

PRODUCT SPECIFICATIONS

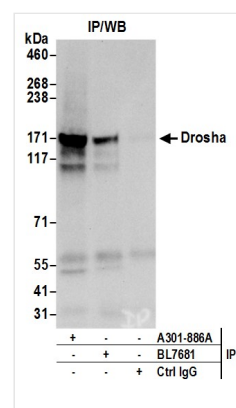
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-Drosha antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1324 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Drosha by western blot. Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Drosha antibody AAA211666 (lot AAA211666-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

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 AAA211666 (lot AAA211666-2) used for IP at 6 ug per reaction. Drosha was also immunoprecipitated by rabbit anti-Drosha antibody BL7681. For blotting immunoprecipitated Drosha, AAA211666 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-Drosha antibody	Drosha is one of three human RNase III enzymes (Drosha, Dicer, and Argonaute) that play a diverse role in the processing and maturation of RNA. Drosha, along with DGCR8 (DeGeorge Syndrome Chromosomal Region 8, also known as Pasha in C. elegans and D. melanogaster) is a component of the Microprocessor complex. In this complex, Drosha functions as a double-stranded endoribonuclease critical to the first step in the processing of human microRNAs. During this step, Drosha is responsible for cleaving pri-miRNA to yield hairpin-shaped pre-miRNA for further processing by the cytoplasmic RNase III enzyme, Dicer.
Product Categories/Family for anti-Drosha antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	155030234
NCBI GeneID	29102
NCBI Accession #	NP_037367.3
NCBI GenBank Nucleotide #	NM_013235.4
UniProt Accession #	Q9NRR4; Q7Z5V2; Q86YH0; Q9NW73; Q9Y2V9; Q9Y4Y0; Q59FF9
Molecular Weight	159,316 Da
NCBI Official Full Name	ribonuclease 3 isoform 1
NCBI Official Synonym Full Names	drosha, ribonuclease type III
NCBI Official Symbol	DROSHA
NCBI Official Synonym Symbols	RN3; ETOHI2; RNASEN; RANSE3L; RNASE3L; HSA242976
NCBI Protein Information	ribonuclease 3; p241; RNase III; protein Drosha; OTTHUMP00000220911; OTTHUMP00000220912; nuclear RNase III Drosha; putative ribonuclease III; ribonuclease III, nuclear; ribonuclease type III, nuclear; drosha, double-stranded RNA-specific endoribonuclease;
UniProt Protein Name	Ribonuclease 3
UniProt Gene Name	DROSHA
UniProt Synonym Gene Names	RN3; RNASE3L; RNASEN; RNase III

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/drosha-antibody-immunoprecipitation-western-blot-elisa/211666>