

Rabbit anti-Human, Mouse Drosha Polyclonal Antibody | anti-DROSHA antibody

Rabbit anti-Drosha IHC Antibody, Affinity Purified

CATALOG # AAA213996	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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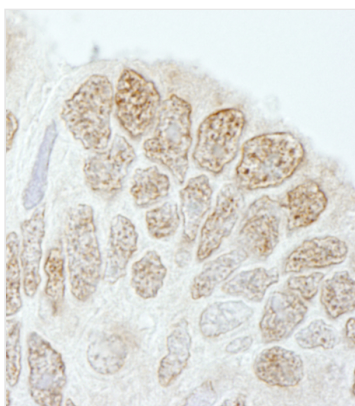
PRODUCT SYNONYMS

Drosha; Polyclonal Antibody; Rabbit anti-Drosha IHC 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

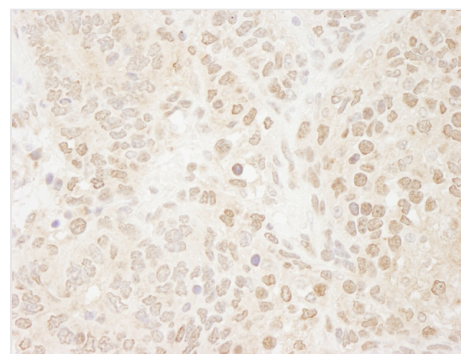
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for anti-DROSHA antibody	IHC (Immunohistochemistry)
Immunogen	Between 1075 and 1125
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



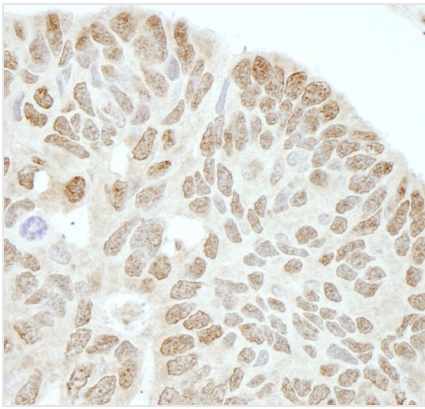
IHC (Immunohistochemistry)

Detection of human Drosha by immunohistochemistry. Sample: FFPE section of human ovarian tumor. Antibody: Affinity purified rabbit anti-Drosha (Cat. No. AAA213996) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)

Detection of mouse Drosha by immunohistochemistry. Sample: FFPE section of mouse teratoma. Antibody: Affinity purified rabbit anti-Drosha (Cat. No. AAA213996) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)

Detection of human Drosha by immunohistochemistry. Sample: FFPE section of human ovarian tumor. Antibody: Affinity purified rabbit anti-Drosha (Cat. No. AAA213996) used at a dilution of 1:250. Detection: DAB

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 <i>C. elegans</i> and <i>D. melanogaster</i>) 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; ETOH12; 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.

