

Rabbit anti-Human DROSHA Monoclonal Antibody | anti-DROSHA antibody

DROSHA Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282755	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

DROSHA; Monoclonal Antibody; DROSHA Rabbit mAb; RN3; ETOHI2; RNASEN; RANSE3L; RNASE3L; HSA242976; anti-DROSHA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MMQGNTCHRM SFHPGRGCPR GRGGHGARPS APSFRPQNLRL LHPQPPVQ YQYEPPSAPS TTFSNSPAPN FLPPRPDFVP FPPMPPSAQ GPLPPCPIRP
Applicable Applications for anti-DROSHA antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human DROSHA (Q9NRR4).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using DROSHA Rabbit mAb (AAA282755).
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution.
Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of various lysates using DROSHA Rabbit mAb (AAA282755) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-DROSHA antibody	This gene encodes a ribonuclease (RNase) III double-stranded RNA-specific ribonuclease and subunit of the microprocessor protein complex, which catalyzes the initial processing step of microRNA (miRNA) synthesis. The encoded protein cleaves the stem loop structure from the primary microRNA (pri-miRNA) in the nucleus, yielding the precursor miRNA (pre-miRNA), which is then exported to the cytoplasm for further processing. In a human cell line lacking a functional copy of this gene, canonical miRNA synthesis is reduced. Somatic mutations in this gene have been observed in human patients with kidney cancer.
Product Categories/Family for anti-DROSHA antibody	Epigenetics Nuclear Signaling; RNA Binding; Nuclear Receptor Signaling; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	155030236
NCBI GeneID	29102
NCBI Accession #	NP_001093882.1
NCBI GenBank Nucleotide #	NM_001100412.1
UniProt Accession #	Q9NRR4; Q7Z5V2; Q86YH0; Q9NW73; Q9Y2V9; Q9Y4Y0; E7EMP9
Molecular Weight	Calculated MW: 159kDa Observed MW: 159kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/drosha-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282755>