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DROSHA Rabbit mAb

Catalog No.: A19598   **Recombinant**

Basic Information

Observed MW
159kDa

Calculated MW
159kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
WB,IF/ICC,ELISA

Cross-Reactivity
Human

CloneNo number
ARC0077

Background

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.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID
29102

Swiss Prot
Q9NRR4

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 1-100 of human DROSHA (Q9NRR4).

Synonyms
RN3; ETOHI2; RNASEN; RANSE3L; RNASE3L; HSA242976; DROSHA

Contact

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Product Information

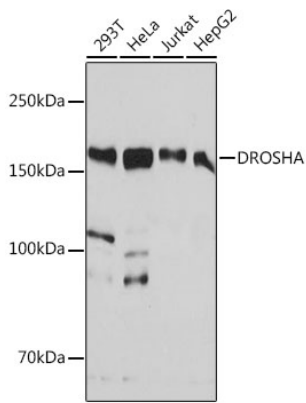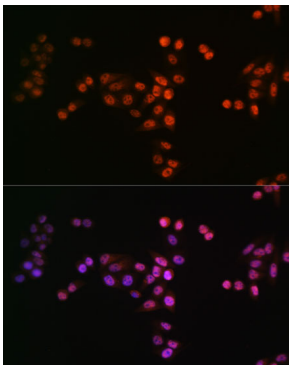| **Source**	**Isotype**	**Purification**
Rabbit	IgG	Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data

Western blot analysis of extracts of various cell lines, using DROSHA antibody (A19598) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.

Immunofluorescence analysis of HeLa cells using DROSHA antibody (A19598). Blue: DAPI for nuclear staining.

Antibody | Protein | ELISA Kits | Enzyme | NGS | Service