**Product Name:** **Drosha Rabbit Monoclonal Antibody**
**Catalog #:** **AMRe87469**
For research use only.

## Summary

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|---|---|
| **Description** | Recombinant rabbit monoclonal antibody |
| **Host** | Rabbit |
| **Application** | WB,IHC |
| **Reactivity** | Human |
| **Conjugation** | Unconjugated |
| **Modification** | Unmodified |
| **Isotype** | IgG |
| **Clonality** | Monoclonal |
| **Form** | Liquid |
| **Concentration** | |
| **Storage** | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| **Shipping** | Ice bags |
| **Buffer** | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt. |
| **Purification** | Affinity Purification |

## Application

| | |
|---|---|
| **Dilution Ratio** | WB 1:2000-1:20000,IHC 1:50-1:100 |
| **Molecular Weight** | Calculated MW:159 kDa; Observed MW:159 kDa |

## Antigen Information

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|---|---|
| **Gene Name** | Drosha |
| **Alternative Names** | RN3; ETOHI2; RNASEN; RANSE3L; RNASE3L; HSA242976 |
| **Gene ID** | 29102 |
| **SwissProt ID** | Q9NRR4 |
| **Immunogen** | A synthetic peptide of human Drosha |

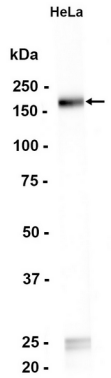
## Background

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. [provided by RefSeq, Sep 2016]

## Research Area

## Image Data




Western blot analysis of extracts from HeLa cells using Drosha Rabbit Monoclonal Antibody at 1:1000.