Recombinant Drosha Monoclonal Antibody

catalog number: **AN301162L**

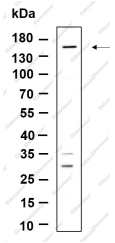
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Drosha protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110785
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
IHC	1:200-1:1000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200

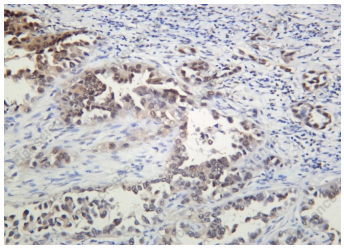
Data



Western Blot with Recombinant Drosha Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Hela lysate.

Observed-MW:159 kDa

Calculated-MW:159 kDa



Immunohistochemistry of paraffin-embedded human lung adenocarcinoma2 using Recombinant Drosha Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

DROSHA(drosha ribonuclease III) Homo sapiens 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 (pr i-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.

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