Drosha Rabbit mAb

Catalog No: #59448

Package Size: #59448-1 50ul #59448-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Drosha Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF FC
Species Reactivity	Human
Specificity	Drosha Antibody detects endogenous levels of total Drosha
Immunogen Description	A synthesized peptide derived from human Drosha
Other Names	Ribonuclease 3 (EC:3.1.26.3); Protein Drosha; Ribonuclease III; RNase III; p241; DROSHA; RN3; RNASE3L; RNASEN;
Accession No.	Uniprot:Q9NRR4
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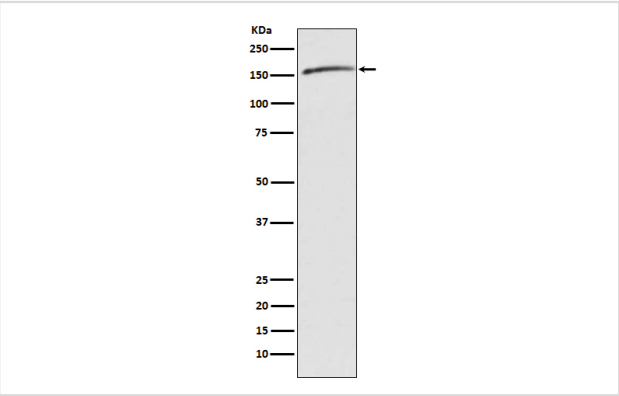
Calculated MW	159kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

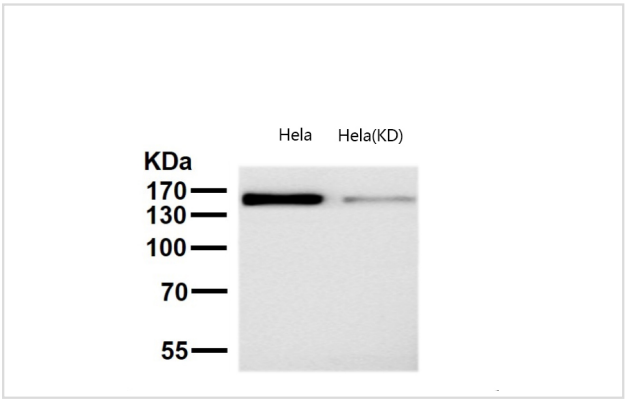
Application Details

WB 1:1000~1:5000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:50

Images



Western blot analysis of Drosha expression in 293 cell lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

Product Description

Drosha was identified as a nuclear RNase III that catalyzes the initial step of microRNA (miRNA) processing. This enzyme processes the long primary transcript pri-miRNAs into stem-looped pre-miRNAs. Interference of Drosha results in the increase of pri-miRNAs and the decrease of pre-miRNAs. Drosha exists in a multiprotein complex called Microprocessor along with other components such as DGCR8. Drosha, along with DGCR8, is necessary for miRNA biogenesis.

Background

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Note: This product is for in vitro research use only