



RNase III Drosha Antibody

E20-75661

Catalog No:E20-75661

Applications:WB,IHC-p,ELISA

Reactivity:Human,Mouse

Gene Name:DROSHA

Protein Name:Ribonuclease 3

Human Gene Id:29102

Human Swiss Prot No:Q9NRR4

Mouse Gene Id:14000

Mouse Swiss Prot No:Q5HZJ0

Immunogen:The antiserum was produced against synthesized peptide derived from human RNase III Drosha. AA range:774-823

Specificity:RNase III Drosha Polyclonal Antibody detects endogenous levels of RNase III Drosha protein.

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source:Rabbit

Dilution:Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Names:DROSHA; RN3; RNASE3L; RNASEN; Ribonuclease 3; Protein Drosha; Ribonuclease III; RNase III; p241

Observed Band(KD):160

Background:drosha ribonuclease III(DROSHA) Homo sapiens This gene encodes a ribonuclease (RNase) III double-stranded RNA-specific ribonuclease and subunit of the

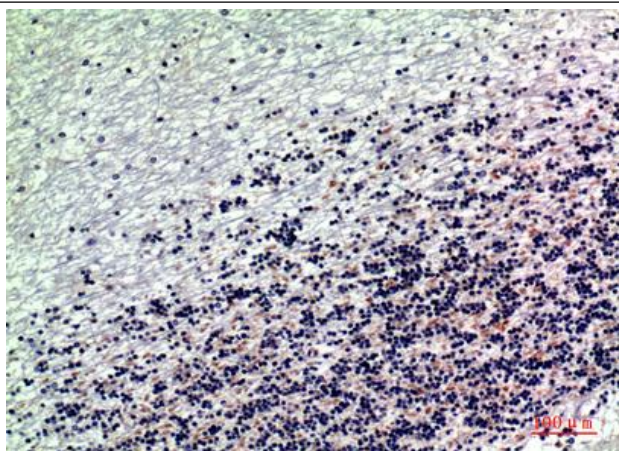
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microprocessor protein complex, which catalyzes the initial processing step of microRNA (miRNA) synthesis.

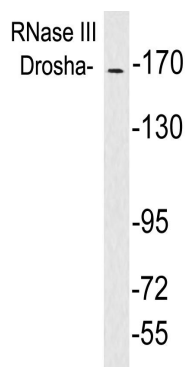
Function: catalytic activity: Endonucleolytic cleavage to 5'-phosphomonoester., cofactor: Magnesium or manganese., function: Executes the initial step of microRNA (miRNA) processing in the nucleus, that is cleavage of pri-miRNA to release pre-miRNA. Involved in pre-rRNA processing.

Subcellular Location: nucleoplasm, nucleolus, microprocessor complex.

Expression: Aorta, Brain, Cervix, Colon, Embryo, Epithelium, Skin.



Immunohistochemical analysis of paraffin-embedded human brain, antibody was diluted at 1:200.



Western blot analysis of lysates from brain tissue using RNase III Drosha antibody.