

## Anti-RNase III Drosha Antibody

Catalog Number: A00111

### About DROSHA

COX-2, also known as prostaglandin H synthase, was identified less than a decade ago. Its discovery was followed by a period of discovery and drug development to create a "super aspirin" and led to insights into arthritis, Alzheimer's disease, colorectal cancer and regulation of brain and kidney function in search of better treatments for degenerative and inflammatory diseases. Cox-2 is involved in the response of cells to growth factors, tumor promoters, and cytokines that induce its expression. Given its role in synthesizing prostaglandins, Cox-2 is therefore of interest in studying immune response regulation.

### Overview

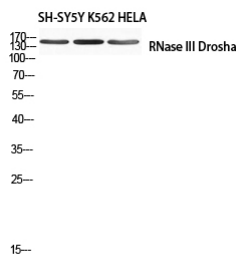
Product Name	Anti-RNase III Drosha Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-RNase III Drosha Antibody catalog # A00111. Tested in IHC, WB applications. This antibody reacts with Human, Mouse.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9NRR4

### Technical Details

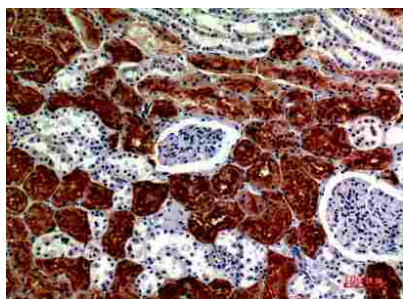
Immunogen	Synthesized peptide derived from the Internal region of human RNase III Drosha.
Predicted Reactive Species	Bovine, Canine, Equine, Guinea Pig, Rabbit, Sheep
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL.
Purification	Immunogen affinity purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the

optimal dilution ratio for your samples.  
Some PubMed article(s) citing the expression level of this target are as follows:  
Boster Bio's internal QC testing used:  
WB, 1:500-1:2000  
IHC-P, 1:100-1:300

## Anti-RNase III Drosha Antibody (A00111) Images



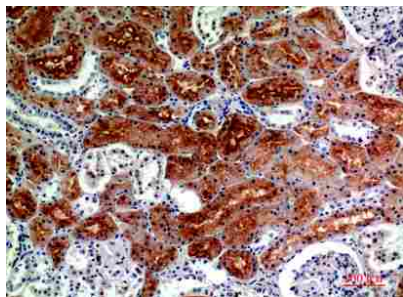
Western Blot (WB) analysis of SH-SY5Y K562 HeLa using RNase III Drosha antibody.



Immunohistochemistry (IHC) analysis of paraffin-embedded Human Kidney, antibody was diluted at 1:200.



Immunohistochemistry (IHC) analysis of paraffin-embedded Human Brain, antibody was diluted at 1:200.



Immunohistochemistry (IHC) analysis of paraffin-embedded Human Kidney, antibody was diluted at 1:200.

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