Datasheet for ABIN2778985

anti-RNASEH2A antibody (Middle Region)

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2 Images

Overview

Quantity:	100 µL
Target:	RNASEH2A
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Zebrafish (Danio rerio), Pig, Cow, Horse, Saccharomyces cerevisiae, Dog, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNASEH2A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RNASEH2A
Sequence:	AQTILEKEAE DVIWEDSASE NQEGLRKITS YFLNEGSQAR PRSSHRYFLE
Predicted Reactivity:	Cow: 100%, Dog: 93%, Goat: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rat: 93%, Yeast: 90%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against RNASEH2A. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

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Target Details

Target:	RNASEH2A
Alternative Name:	RNASEH2A (RNASEH2A Products)
Background:	Of the multiple RNases H in mammals, RNase HI is the major enzyme and shows increased activity during DNA replication. It shows more homology to the RNase HII of Escherichia coli.Of the multiple RNases H in mammals, RNase HI is the major enzyme and shows increased activity during DNA replication. It shows more homology to the RNase HII of Escherichia coli. Alias Symbols: AGS4, JUNB, RNHL, RNHIA, RNASEHI Protein Interaction Partner: UBC, IPO7, UGDH, RNASEH2C, RNASEH2B, NDOR1, ITSN1, Protein Size: 299
Molecular Weight:	33 kDa
Gene ID:	10535
NCBI Accession:	NM_006397, NP_006388
UniProt:	O75792

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 299 AA
Restrictions:	For Research Use only

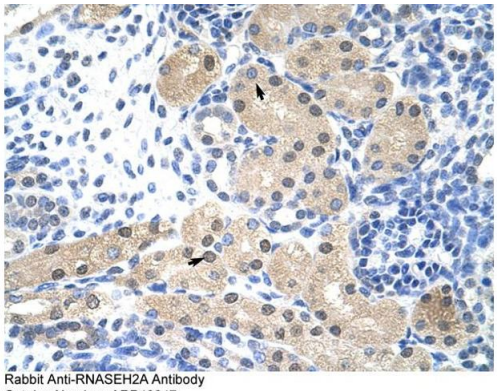
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

Handling

aliquots to prevent freeze-thaw cycles.

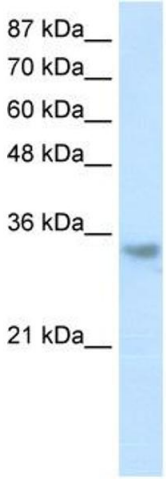
Images



Rabbit Anti-RNASEH2A Antibody
Catalog Number: ARP40647
Lot Number: QC10953
Paraffin Embeded Tissue: Human Kidney
Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 1. Rabbit Anti-RNASEH2A Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



Western Blotting

Image 2. WB Suggested Anti-RNASEH2A Antibody Titration: 1.25ug/ml Positive Control: Jurkat cell lysate RNASEH2A is supported by BioGPS gene expression data to be expressed in Jurkat