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anti-Ribonuclease H1 antibody (Internal Region)

Images



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Quantity:	100 μL
Target:	Ribonuclease H1 (RNASEH1)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ribonuclease H1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human RNase H1, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	RNase H1 Antibody detects endogenous levels of total RNase H1.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Ribonuclease H1 (RNASEH1)

Target Details

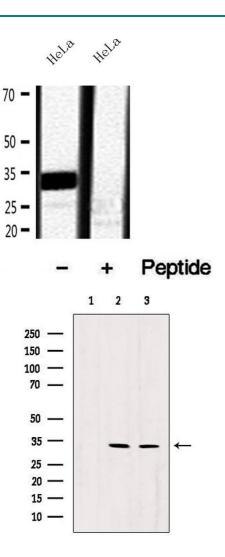
Alternative Name:	RNASEH1 (RNASEH1 Products)
Background:	Description: Endonuclease that specifically degrades the RNA of RNA-DNA hybrids (PubMed:10497183). Plays a role in RNA polymerase II (RNAp II) transcription termination by degrading R-loop RNA-DNA hybrid formation at G-rich pause sites located downstream of the poly(A) site and behind the elongating RNAp II (PubMed:21700224). Gene: RNASEH1
Molecular Weight:	32 kDa
Gene ID:	246243
UniProt:	060930

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500
Restrictions:	For Research Use only

Handling

паништу	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 $\%$ sodium azide and 50 $\%$ glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

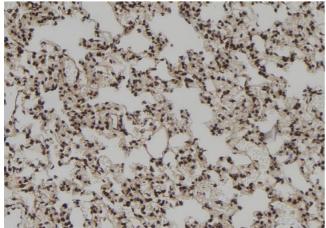


Western Blotting

Image 1. Western blot analysis of extracts of HeLa cells, using RNASEH1 antibody.

Western Blotting

Image 2. Western blot analysis of extracts from various samples, using RNASEH1 antibody. Lane 1: rat brain treated with blocking peptide. Lane 2: rat brain; Lane 3: 293;



Immunohistochemistry

Image 3. ABIN6272928 at 1/100 staining Rat lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.