SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-RNH1 Polyclonal Antibody

Catalog Number: SLA0214

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
GeneID:	6050
SWISS:	P13489
Target:	RNH1
Immunogen:	Recombinant human Ribonuclease Inhibitor
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1µg/Test) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	50 kDa
Subcellular Location:	N/A
Background:	Ribonuclease inhibitor which inhibits RNASE1, RNASE2 and ANG. May play role in redox homeostasis.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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[VALIDATION IMAGES]



Figure 1. 25 ug total protein per lane of various lysates (see on figure) probed with Ribonuclease Inhibitor polyclonal antibody, unconjugated (SLA0214) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min

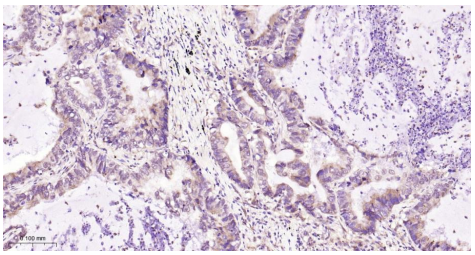


Figure 2. Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Ribonuclease Inhibitor Polyclonal Antibody, Unconjugated (SLA0214) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining

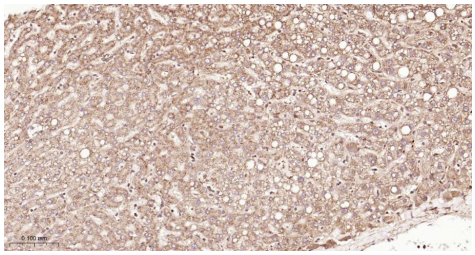


Figure 3. Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Ribonuclease Inhibitor Polyclonal Antibody, Unconjugated (SLA0214) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining

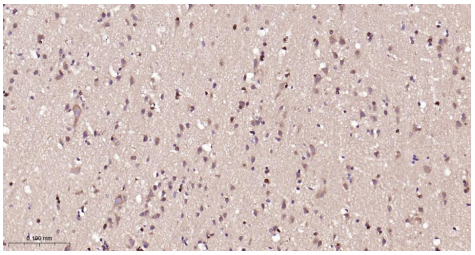


Figure 4. Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Ribonuclease Inhibitor Polyclonal Antibody, Unconjugated (SLA0214) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining

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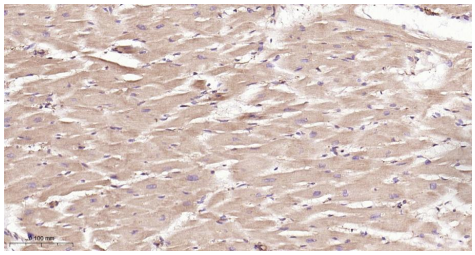


Figure 5. Paraformaldehyde-fixed, paraffin embedded Human Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Ribonuclease Inhibitor Polyclonal Antibody, Unconjugated (SLA0214) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining

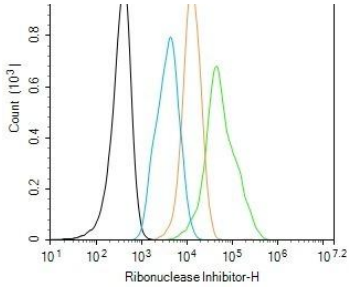


Figure 6. The HepG2 (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C,the cells then were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.).Primary Antibody (green):Rabbit Anti-Ribonuclease Inhibitor antibody (SLA0214): 1 µg/10^6 cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-BF488 (SL60295G-BF488): 1 µg/test. Isotype Control (orange): Rabbit IgG (SL0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed

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