

Summary

Production Name	RENT1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	UPF1 UPF1; KIAA0221; RENT1; Regulator of nonsense transcripts 1; ATP-dependent helicase
Alternative Names	RENT1; Nonsense mRNA reducing factor 1; NORF1; Up-frameshift suppressor 1 homolog; hUpf1
Gene ID	5976
SwissProt ID	Q92900

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 124 kDa; Observed MW: 124 kDa

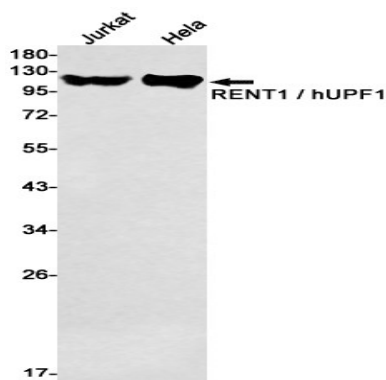
Background

Plays a role in replication-dependent histone mRNA degradation at the end of phase S. Part of a post-splicing multiprotein complex. Involved in nonsense-mediated decay (NMD) as part of the SMG1C complex, a mRNA surveillance complex that recognizes and degrades mRNAs containing premature translation termination codons (PTCs).

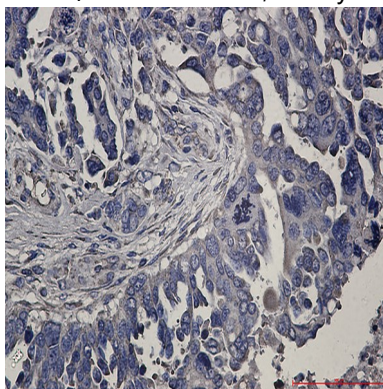
Research Area

Epigenetics and Nuclear Signaling

Image Data

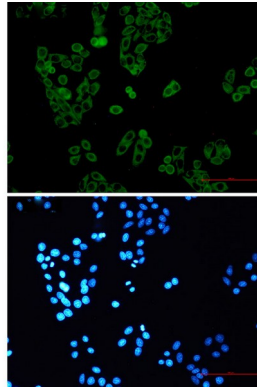


Western blot analysis of RENT1 / hUPF1 in Jurkat, HeLa lysates using RENT1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using RENT1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Catalog #: AMRe02537



Immunocytochemistry analysis of RENT1 (green) in Hela using RENT1 antibody, and DAPI (blue)

Note

For research use only.