
Product Name: RENT1 Rabbit Monoclonal Antibody**Catalog #: AMRe02537**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.54mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

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

Antigen Information

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
Immunogen	A synthetic peptide of human RENT1

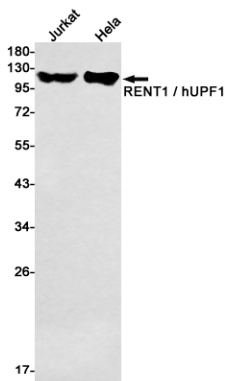
Background

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).

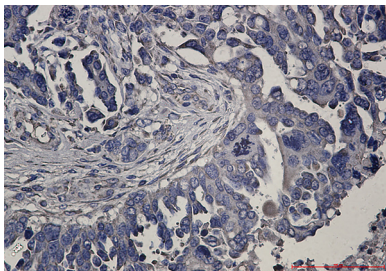
Research Area

Epigenetics and Nuclear Signaling

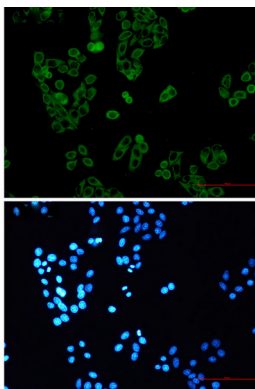
Image Data



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.



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