Recombinant RENT1 Monoclonal Antibody

catalog number: **E-AB-81603**

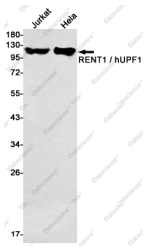
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	A synthetic peptide of human RENT1
Host	Rabbit
Isotype	Rabbit IgG
Clone	C313389
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:2000-1:3000
IHC	1:50-1:100
IF	1:50-1:100

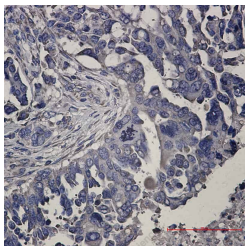
Data



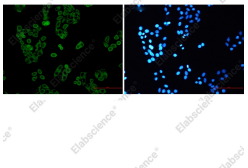
Western blot detection of RENT1 / hUPF1 in Jurkat,Hela cell lysates using RENT1 / hUPF1 Rabbit mAb(1:1000 diluted).Predicted band size:124kDa.Observed band size:124kDa.

Observed-MW:124 kDa

Calculated-MW:124 kDa



Immunohistochemistry of RENT1 in paraffin-embedded Human Cholangiocarcinoma using RENT1 Rabbit mAb at dilution 1:50



Immunofluorescence of RENT1 (green) in Hela using RENT1 Rabbit mAb at dilution 1:50, and DAPI(blue)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance.mRNA surveillance detects exported mRNAs with truncated open reading frames and initiates nonsense-mediated mRNA decay (NMD).When translation ends upstream from the last exon-exon junction, this triggers NMD to degrade mRNAs containing premature stop codons.This protein is located only in the cytoplasm. When translation ends, it interacts with the protein that is a functional homolog of yeast Upf2p to trigger mRNA decapping.Use of multiple polyadenylation sites has been noted for this gene.