


Anti-RENT1/hUPF1 antibody ab10510

★★★★★ [2 Abreviews](#) [3 References](#) [画像数 2](#)

製品の概要

製品名	Anti-RENT1/hUPF1 antibody
製品の詳細	Goat polyclonal to RENT1/hUPF1
由来種	Goat
アプリケーション	適用あり: WB
種交差性	交差種: Mouse, Human 交差が予測される動物種: Horse, Chicken, Guinea pig, Cow, Dog, Turkey, Pig, Xenopus laevis, Chimpanzee, Drosophila melanogaster, Zebrafish, Rhesus monkey, Gorilla, Orangutan, Xenopus tropicalis, Platypus 
免疫原	Synthetic peptide corresponding to Human RENT1/hUPF1 aa 250-350. NP_002902.2 (GeneID 5976) Database link: Q92900
ポジティブ・コントロール	WB: Whole cell lysate from lymphoblastoid cell lines (EBV-immortalized B-cell from a normal individual).; HeLa, NIH/3T3 cells
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7 Preservative: 0.1% Sodium azide Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris
精製度	Immunogen affinity purified
特記事項(精製)	Antibodies were affinity purified using the peptide immobilized on solid support.
ポリ/モノ	ポリクローナル

アプリケーション

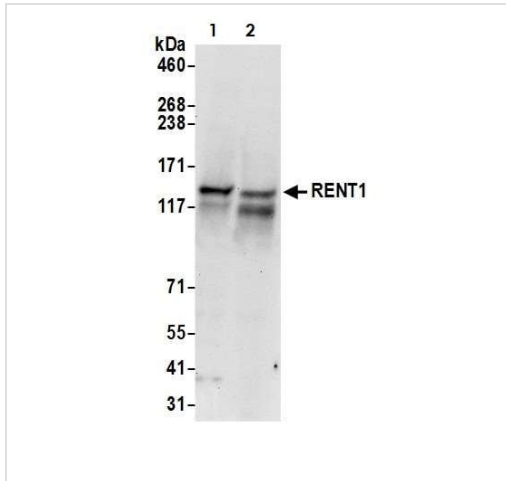
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab10510の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (2)	1/1000 - 1/2500. Detects a band of approximately 140 kDa (predicted molecular weight: 134 kDa).

ターゲット情報

機能	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). The complex probably acts by associating with ribosomes during translation termination on mRNPs. If an exon junction complex (EJC) is located 50-55 or more nucleotides downstream from the termination codon, RENT1 is phosphorylated by SMG1, triggering nonsense-mediated decay (NMD). Essential for embryonic viability.
組織特異性	Ubiquitous.
配列類似性	Belongs to the DNA2/NAM7 helicase family. Contains 1 C2H2-type zinc finger.
ドメイン	The [ST]-Q motif constitutes a recognition sequence for kinases from the PI3/PI4-kinase family.
翻訳後修飾	Phosphorylated by SMG1; required for formation of mRNA surveillance complexes. Phosphorylated upon DNA damage, probably by ATM or ATR.
細胞内局在	Cytoplasm. Cytoplasm > P-body. Hyperphosphorylated form is targeted to the P-body, while unphosphorylated protein is distributed throughout the cytoplasm.

画像



Western blot - Anti-RENT1/hUPF1 antibody (ab10510)

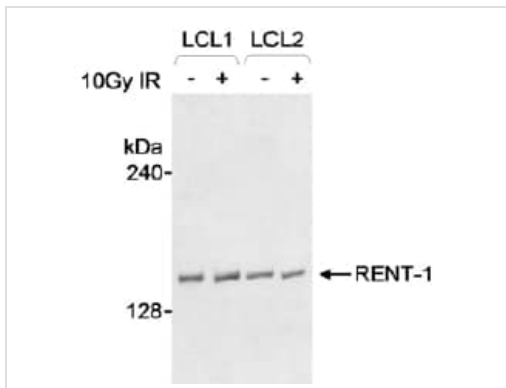
All lanes : Anti-RENT1/hUPF1 antibody (ab10510) at 0.4 µg/ml

Lane 1 : HeLa whole cell lysate

Lane 2 : NIH/3T3 whole cell lysate

Predicted band size: 134 kDa

Exposure time: 30 seconds



Western blot - Anti-RENT1/hUPF1 antibody (ab10510)

ab10510 detection of human RENT1 by Western blot. *Samples:* Whole cell lysate (30 µg) from lymphoblastoid cell lines (EBV-immortalized B-cell from a normal individual). *Antibody:* ab10510 used at 1 µg/ml. *Detection:* Chemiluminescence.

ab10510 detection of human RENT1 by Western blot. *Samples:* Whole cell lysate (30 µg) from lymphoblastoid cell lines (EBV-immortalized B-cell from a normal individual). *Antibody:* ab10510 used at 1 µg/ml. *Detection:* Chemiluminescence.

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