abcam

Product datasheet

Anti-EXOSC10/RRP6 antibody ab95028

1 Abreviews 4 References 画像数 2

製品の概要

製品名	Anti-EXOSC10/RRP6 antibody
製品の詳細	Rabbit polyclonal to EXOSC10/RRP6
由来種	Rabbit
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Human **交差が予測される動物種:** Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Cat, Dog, Pig
免疫原	Synthetic peptide corresponding to Human EXOSC10/RRP6 aa 755-804 (internal sequence). Sequence: ACKAAAEQAISVRQQVVLENAAKKRERATSDPRTTEQKQEKK RLKISKKP Database link: NP_001001998 Run BLAST with Run BLAST with
ポジティブ・コントロール	Transfected 293T cell lysate
特記事項	This product was previously labelled as EXOSC10

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 repeated freeze / thaw cycles.
バッファー	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

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ab95028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	★★★★☆ (1)	Use a concentration of 1 µg/ml. Predicted molecular weight: 101 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

ターゲット情報

機能

Putative catalytic component of the RNA exosome complex which has 3'->5' exoribonuclease activity and participates in a multitude of cellular RNA processing and degradation events. In the nucleus, the RNA exosome complex is involved in proper maturation of stable RNA species such as rRNA, snRNA and snoRNA, in the elimination of RNA processing by-products and non-coding 'pervasive' transcripts, such as antisense RNA species and promoter-upstream transcripts (PROMPTs), and of mRNAs with processing defects, thereby limiting or excluding their export to the cytoplasm. The RNA exosome may be involved in Ig class switch recombination (CSR) and/or Ig variable region somatic hypermutation (SHM) by targeting AICDA deamination activity to transcribed dsDNA substrates. In the cytoplasm, the RNA exosome complex is involved in general mRNA turnover and specifically degrades inherently unstable mRNAs containing AU-rich elements (AREs) within their 3' untranslated regions, and in RNA surveillance pathways, preventing translation of aberrant mRNAs. It seems to be involved in degradation of histone mRNA. EXOSC10 has 3'-5' exonuclease activity (By similarity). EXOSC10 is required for nucleolar localization of C1D and probably mediates the association of SKIV2L2, C1D and MPP6 wth the RNA exosome involved in the maturation of 5.8S rRNA.

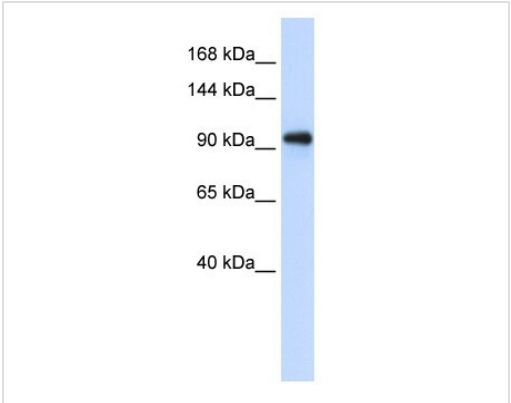
配列類似性

Contains 1 3'-5' exonuclease domain.
Contains 1 HRDC domain.

細胞内局在

Cytoplasm. Nucleus, nucleolus. Nucleus. Strongly enriched in the nucleolus and a small amount has been found in cytoplasm supporting the existence of a nucleolar RNA exosome complex form.

画像



Western blot - Anti-EXOSC10/RRP6 antibody (ab95028)

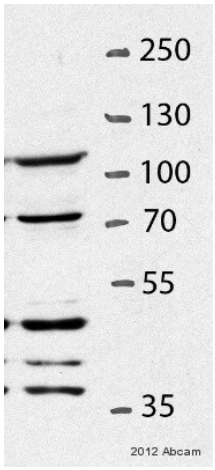
Anti-EXOSC10/RRP6 antibody (ab95028) at 1 µg/ml (in 5% skim milk / PBS buffer) + Transfected 293T cell lysate at 10 µg

Secondary

HRP conjugated anti-rabbit IgG at 1/50000 dilution

Predicted band size: 101 kDa

Gel concentration 6-18%



Western blot - Anti-EXOSC10/RRP6 antibody (ab95028)

Anti-EXOSC10/RRP6 antibody (ab95028) at 1/1000 dilution + U2OS whole cell lysate at 100 µg

Predicted band size: 101 kDa

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