

Product datasheet

Anti-KIAA0427 antibody ab82891

画像数 1

製品の概要

製品名	Anti-KIAA0427 antibody
製品の詳細	Rabbit polyclonal to KIAA0427
由来種	Rabbit
アプリケーション	適用あり: WB, ELISA
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Chicken, Cow, Cat, Dog, Pig
免疫原	Synthetic peptide corresponding to a region within N terminal amino acids 36 - 85 (QVQGLLADKT EGDGESERTQ SHISQWTADC SEPLDSSCSF SRGRAPPQQN) of Human KIAA0427 (NP_055587). Run BLAST with ExPASy Run BLAST with NCBI
ポジティブ・コントロール	HepG2 cell lysate.

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: None 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

Our [Abpromise guarantee](#) covers the use of **ab82891** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

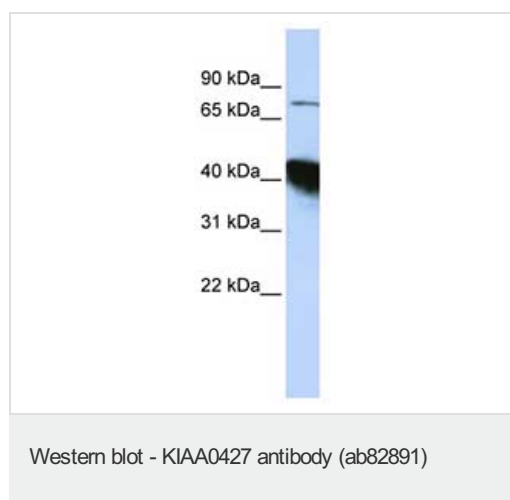
アプリケーション	Abreviews	特記事項
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アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 68 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
ELISA		Use at an assay dependent concentration. Titre using peptide based assay: 1/12500.

ターゲット情報

機能	Specifically required for the pioneer round of mRNA translation mediated by the cap-binding complex (CBC), that takes place during or right after mRNA export via the nuclear pore complex (NPC). Acts via its interaction with the NCBP1/CBP80 component of the CBC complex and recruits the 40S small subunit of the ribosome via eIF3. In contrast, it is not involved in steady state translation, that takes place when the CBC complex is replaced by cytoplasmic cap-binding protein eIF4E. Also required for nonsense-mediated mRNA decay (NMD), the pioneer round of mRNA translation mediated by the cap-binding complex playing a central role in nonsense-mediated mRNA decay (NMD).
組織特異性	Widely expressed.
配列類似性	Belongs to the CTIF family. Contains 1 MIF4G domain.
細胞内局在	Cytoplasm > perinuclear region.

画像



Anti-KIAA0427 antibody (ab82891) at 1 µg/ml
(in 5% skim milk / PBS buffer) + HepG2 cell
lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000
dilution

Predicted band size: 68 kDa

Observed band size: 68 kDa

Additional bands at: 40 kDa. We are unsure
as to the identity of these extra bands.

Gel concentration: 12%

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