

## 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<br>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).<br><a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a> |
| 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<br>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.

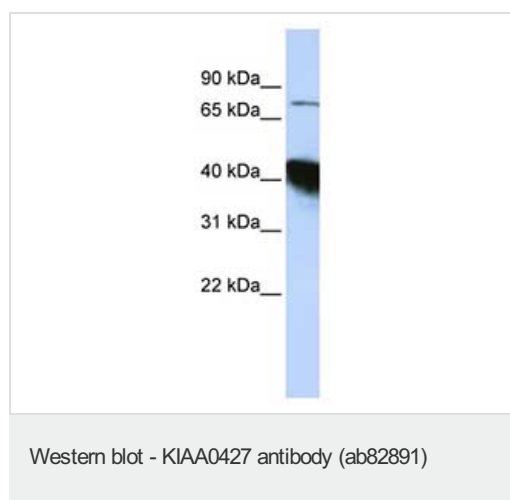
| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|------|
|          |           |      |

| 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.<br>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.<br>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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