

# Anti-CSN7b antibody [EPR6465] - BSA and Azide free ab247979


KO 評価済

リコンビナント

RabMAb

画像数 2

### 製品の概要

|              |  |
|--------------|--|
| 製品名          | Anti-CSN7b antibody [EPR6465] - BSA and Azide free   |
| 製品の詳細        | Rabbit monoclonal [EPR6465] to CSN7b - BSA and Azide free  |
| 由来種          | Rabbit   |
| アプリケーション     | <b>適用あり:</b> ICC/IF, WB, Flow Cyt (Intra)<br><b>適用なし:</b> IHC-P  |
| 種交差性         | <b>交差種:</b> Mouse, Human<br><b>交差が予測される動物種:</b> Rat   |
| 免疫原          | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.  |
| ポジティブ・コントロール | WB: HEK293T, HeLa and HepG2 cell lysates.  |
| 特記事項         | <p>ab247979 is the carrier-free version of <a href="#">ab124718</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> |

## 製品の特性

|          |   |
|----------|---|
| 製品の状態    | Liquid  |
| 保存方法     | Shipped at 4°C. Store at +4°C. Do Not Freeze. |
| バッファー    | pH: 7.2<br>Constituent: PBS                   |
| キャリア・フリー | はい  |
| 精製度      | Protein A purified                            |
| ポリ/モノ    | モノクローナル                                       |
| クローン名    | EPR6465                                       |
| 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ab247979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。

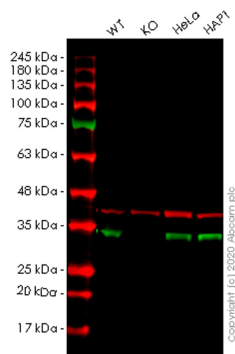
| アプリケーション         | Abreviews | 特記事項   |
|------------------|-----------|--|
| ICC/IF           |           | Use at an assay dependent concentration.                                     |
| WB               |           | Use at an assay dependent concentration. Predicted molecular weight: 30 kDa. |
| Flow Cyt (Intra) |           | Use at an assay dependent concentration.                                     |

**追加情報** Is unsuitable for IHC-P.

## ターゲット情報

|              |  |
|--------------|--|
| <b>機能</b>    | Component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2. The complex is also involved in phosphorylation of p53/TP53, JUN, I-kappa-B-alpha/NFKBIA, ITPK1 and IRF8/ICSBP, possibly via its association with CK2 and PKD kinases. CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively. |
| <b>配列類似性</b> | Belongs to the CSN7/EIF3M family. CSN7 subfamily.<br>Contains 1 PCI domain.  |
| <b>細胞内局在</b> | Cytoplasm. Nucleus.  |

## 画像



Western blot - Anti-CSN7b antibody [EPR6465] - BSA and Azide free (ab247979)

**All lanes** : Anti-CSN7b antibody [EPR6465] (**ab124718**) at 1/1000 dilution

**Lane 1** : Wild-type HEK293T cell lysate

**Lane 2** : COPS7B knockout HEK293T cell lysate

**Lane 3** : HeLa cell lysate

**Lane 4** : HAP1 cell lysate

Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes** : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed (**ab216773**) at 1/10000 dilution

**Predicted band size:** 30 kDa

**Observed band size:** 32 kDa

This data was developed using the same antibody clone in a different buffer formulation (**ab124718**).

**Lanes 1-4:** Merged signal (red and green). Green - **ab124718** observed at 32 kDa. Red - loading control **ab8245** observed at 36 kDa.

**ab124718** Anti-CSN7b antibody [EPR6465] was shown to specifically react with CSN7b in wild-type HEK293T cells. Loss of signal was observed when knockout cell line **ab266646** (knockout cell lysate **ab257895**) was used. Wild-type and CSN7b knockout samples were subjected to SDS-PAGE. **ab124718** and Anti-GAPDH antibody [6C5] - Loading Control (**ab8245**) were incubated overnight at 4°C at 1 in 1000 dilution and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed (**ab216773**) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed (**ab216776**) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-CSN7b antibody [EPR6465] - BSA and Azide free (ab247979)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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