


Product datasheet

Anti-XBP1 antibody ab28715

画像数 1

製品の概要

|              |   |
|--------------|---|
| 製品名          | Anti-XBP1 antibody  |
| 製品の詳細        | Rabbit polyclonal to XBP1   |
| アプリケーション     | 適用あり: WB  |
| 種交差性         | 交差種: Rat, Human<br>交差が予測される動物種: Mouse    |
| 免疫原          | Synthetic peptide conjugated to KLH derived from within residues 200 to the C-terminus of Human XBP1. Immunogen の所有権に関して (Peptide available as <a href="#">ab30769</a> .) |
| ポジティブ・コントロール | This antibody gave a positive signal in the following lysates: Jurkat Whole Cell, A431 Whole Cell, Rat Testis Tissue  |

製品の特性

|        |  |
|--------|--|
| 製品の状態  | Liquid   |
| 保存方法   | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| バッファー  | Preservative: 0.02% Sodium Azide<br>Constituents: 1% BSA, PBS. pH 7.4  |
| 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 **ab28715** 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 |
|----------|-----------|------|
|----------|-----------|------|

WB

追加情報

WB: Use at a concentration of 1 µg/ml. Detects a band of approximately 35 kDa (predicted molecular weight: 33 kDa). We believe this band represents the protein product of the

unprocessed XBP1 mRNA that is present in the absence of a stress response.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## ターゲット情報

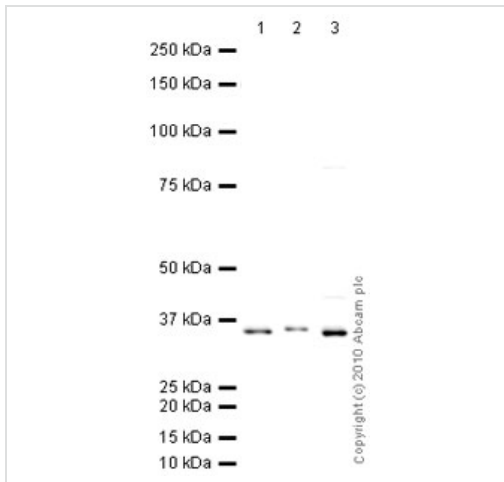
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|       |  |
|-------|--|
| 機能    | Transcription factor essential for hepatocyte growth, the differentiation of plasma cells, the immunoglobulin secretion, and the unfolded protein response (UPR). Acts during endoplasmic reticulum stress (ER) by activating unfolded protein response (UPR) target genes via direct binding to the UPR element (UPRE). Binds DNA preferably to the CRE-like element 5'-GATGACGTG[TG]N(3)[AT]T-3', and also to some TPA response elements (TRE). Binds to the HLA DR-alpha promoter. Binds to the Tax-responsive element (TRE) of HTLV-I. |
| 関連疾患  | Genetic variations in XBP1 could be associated with susceptibility to major affective disorder type 7 (MAFD7) [MIM:612371]. Major affective disorders represent a class of mental disorders characterized by a disturbance in mood as their predominant feature.   |
| 配列類似性 | Belongs to the bZIP family.<br>Contains 1 bZIP domain.   |
| 細胞内局在 | Nucleus.   |

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## 画像

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Western blot - XBP1 antibody (ab28715)

**All lanes :** Anti-XBP1 antibody (ab28715) at 1 µg/ml

**Lane 1 :** A431 (Human epithelial carcinoma cell line) Whole Cell Lysate

**Lane 2 :** Testis (Rat) Tissue Lysate

**Lane 3 :** Jurkat (Human T cell lymphoblast-like cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution  
Developed using the ECL technique

Performed under reducing conditions.

**Predicted band size :** 33 kDa

**Observed band size :** 35 kDa

**Exposure time :** 8 minutes

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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