

## Product datasheet

# Anti-CRBN antibody ab68763

★★★★☆ 2 Abreviews 1 References 画像数 1

### 製品の概要

|                     |   |
|---------------------|---|
| <b>製品名</b>          | Anti-CRBN antibody  |
| <b>製品の詳細</b>        | Mouse polyclonal to CRBN  |
| <b>アプリケーション</b>     | <b>適用あり:</b> WB   |
| <b>種交差性</b>         | <b>交差種:</b> Human   |
| <b>免疫原</b>          | <p>Full length protein corresponding to Human CRBN aa 1-442.<br/>Sequence:</p> <pre>MAGEGDQQDAAHNMGNHLPLLPAESEEEDEMEVEDQDSKEAKKPNIIINFDTSLPTSHTYLGADMEEFHGRTLHDDSDSCQVIPVLPQVMMILIPGQTLPLQLFHPQEVSMVRNLIQKDRTFAVLAYSINVQEREAQFGTTAEIYAYREEQDFGIEIVKVKAIQRFRKVLRLRTQSDGIQAKVQILPECVLPSTMSAVQLESLNKCQIFPSKPVSRDQCSYKWWQKYQKRKFHCANLTSWPRWLYSLYDAETLMDRIKKQLREWENLKDDSLPSNPIDFSYRVAACLPIDDVLRILLLKIGSAIQRLRCELDIMNKCTSLCCKQCETEITTKNEIFSLSLCGPMAAYVNPHGYVHETLTVYKACNLNLIGRPSTEHSWFPGYAWTVAQCKICASHIGWKFTATKKDMSPQKFWGLTRSALLPTIPDTEDEISPDKVILCL</pre> <p>Database link: <a href="#">Q96SW2</a></p> <p style="text-align: right;"> <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a> </p> |
| <b>ポジティブ・コントロール</b> | WB: CRBN transfected 293T cell lysate.  |

### 製品の特性

|               |   |
|---------------|---|
| <b>製品の状態</b>  | Liquid  |
| <b>保存方法</b>   | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| <b>バッファー</b>  | pH: 7.20<br>Constituent: PBS  |
| <b>精製度</b>    | Protein A purified  |
| <b>ポリ/モノ</b>  | ポリクローナル   |
| <b>アイソタイプ</b> | IgG   |

Our [Abpromise guarantee](#) covers the use of **ab68763** in the following tested applications.

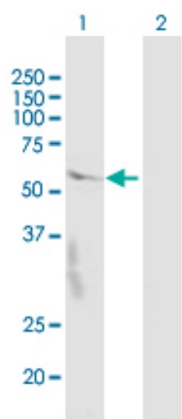
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項   |
|----------|-----------|--|
| WB       | ★★★★☆     | 1/500 - 1/1000. Detects a band of approximately 51 kDa (predicted molecular weight: 51 kDa).<br>This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein. |

## ターゲット情報

|       |  |
|-------|--|
| 機能    | Component of some DCX (DDB1-CUL4-X-box) E3 protein ligase complex, a complex that mediates the ubiquitination and subsequent proteasomal degradation of target proteins and is required for limb outgrowth and expression of the fibroblast growth factor FGF8. In the complex, may act as a substrate receptor. Regulates the assembly and neuronal surface expression of large-conductance calcium-activated potassium channels in brain regions involved in memory and learning via its interaction with KCNT1. |
| 組織特異性 | Widely expressed. Highly expressed in brain.   |
| パスウェイ | Protein modification; protein ubiquitination.  |
| 関連疾患  | Defects in CRBN are the cause of mental retardation autosomal recessive type 2A (MRT2A) [MIM:607417]. MRT2A patients display mild mental retardation with a standard IQ ranged from 50 to 70. IQ scores are lower in males than females. Developmental milestones are mildly delayed. There are no dysmorphic or autistic features. Non-syndromic mental retardation patients do not manifest other clinical signs.  |
| 配列類似性 | Belongs to the CRBN family.<br>Contains 1 Lon domain.  |
| 翻訳後修飾 | Ubiquitinated, ubiquitination is mediated by its own DCX protein ligase complex.   |
| 細胞内局在 | Cytoplasm. Nucleus. Membrane.  |

## 画像



Western blot - Anti-CRBN antibody (ab68763)

**All lanes** : Anti-CRBN antibody (ab68763) at 1/500 dilution

**Lane 1** : CRBN transfected 293T cell lysate

**Lane 2** : Non-transfected 293T cell lysate

**Predicted band size** : 51 kDa

This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

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

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