

## Product datasheet

# Anti-CSEN antibody ab57203

### 画像数 1

#### 製品の概要

製品名	Anti-CSEN antibody
製品の詳細	Mouse monoclonal to CSEN
由来種	Mouse
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Recombinant full length protein, corresponding to amino acids 1-257 of Human CSEN

#### 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 or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None PBS, pH 7.2
精製度	Protein G purified
ポリ/モノ	モノクローナル
アイソタイプ	IgG1
軽鎖の種類	kappa

#### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab57203** in the following tested applications.

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

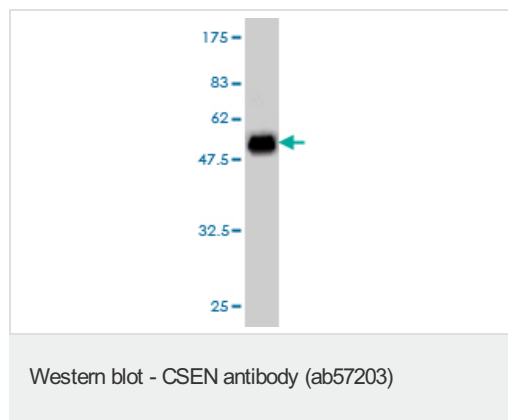
アプリケーション	Abreviews	特記事項
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WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.
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## ターゲット情報

<b>機能</b>	<p>Calcium-dependent transcriptional repressor that binds to the DRE element of genes including PDYN and FOS. Affinity for DNA is reduced upon binding to calcium and enhanced by binding to magnesium. Seems to be involved in nociception.</p> <p>Regulatory subunit of Kv4/D (Shal)-type voltage-gated rapidly inactivating A-type potassium channels, such as KCND2/Kv4.2 and KCND3/Kv4.3. Modulates channel expression at the cell membrane, gating characteristics, inactivation kinetics and rate of recovery from inactivation in a calcium-dependent and isoform-specific manner.</p> <p>May play a role in the regulation of PSEN2 proteolytic processing and apoptosis. Together with PSEN2 involved in modulation of beta-amyloid formation.</p>
<b>組織特異性</b>	<p>Highly expressed in brain. Widely expressed at lower levels. Expression levels are elevated in brain cortex regions affected by Alzheimer disease.</p>
<b>配列類似性</b>	<p>Belongs to the recoverin family.</p> <p>Contains 4 EF-hand domains.</p>
<b>翻訳後修飾</b>	<p>Palmitoylated. Palmitoylation enhances association with the plasma membrane.</p> <p>Proteolytically cleaved by caspase-3.</p> <p>Phosphorylation at Ser-63 inhibits cleavage by CASP3.</p>
<b>細胞内局在</b>	<p>Cytoplasm. Cell membrane. Endoplasmic reticulum. Golgi apparatus. Nucleus. Also membrane-bound, associated with the plasma membrane (PubMed:15485870). In the presence of PSEN2 associated with the endoplasmic reticulum and Golgi. The sumoylated form is present only in the nucleus.</p>

## 画像



Western blot against tagged recombinant protein immunogen using ab57203 CSEN antibody at 1ug/ml. Predicted band size of immunogen is 54 kDa

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

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