

# Anti-Presenilin 2/AD5 (phospho S330) antibody [EP2614] - BSA and Azide free ab284784

RabMAb

画像数 1

### 製品の概要

製品名	Anti-Presenilin 2/AD5 (phospho S330) antibody [EP2614] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EP2614] to Presenilin 2/AD5 (phospho S330) - BSA and Azide free
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB <b>適用なし:</b> Flow Cyt, ICC/IF, IHC-P or IP
種交差性	<b>交差種:</b> Human
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: HeLa cell lysates.
特記事項	<p>ab284784 is the carrier-free version of <a href="#">ab109456</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>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> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be</p>

found below, along with publications, customer reviews and Q&As

## 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 7.2 Constituent: 100% PBS
キャリア・フリー	はい
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EP2614
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ab284784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
WB		Use at an assay dependent concentration. Predicted molecular weight: 50 kDa.

**追加情報**      Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

## ターゲット情報

<b>機能</b>	Probable catalytic subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral membrane proteins such as Notch receptors and APP (beta-amyloid precursor protein). Requires the other members of the gamma-secretase complex to have a protease activity. May play a role in intracellular signaling and gene expression or in linking chromatin to the nuclear membrane. May function in the cytoplasmic partitioning of proteins.
<b>組織特異性</b>	Isoform 1 is seen in the placenta, skeletal muscle and heart while isoform 2 is seen in the heart, brain, placenta, liver, skeletal muscle and kidney.
<b>関連疾患</b>	Defects in PSEN2 are the cause of Alzheimer disease type 4 (AD4) [MIM:606889]. AD is an autosomal dominant Alzheimer disease. Alzheimer disease is a neurodegenerative disorder characterized by progressive dementia, loss of cognitive abilities, and deposition of fibrillar amyloid proteins as intraneuronal neurofibrillary tangles, extracellular amyloid plaques and vascular amyloid deposits. The major constituent of these plaques is the neurotoxic amyloid-beta-APP 40-42 peptide (s), derived proteolytically from the transmembrane precursor protein APP by sequential secretase processing. The cytotoxic C-terminal fragments (CTFs) and the caspase-cleaved products such as C31 derived from APP, are also implicated in neuronal death. Defects in PSEN2 are the cause of cardiomyopathy dilated type 1V (CMD1V) [MIM:613697]. It is a disorder characterized by ventricular dilation and impaired systolic function, resulting in

congestive heart failure and arrhythmia. Patients are at risk of premature death.

#### 配列類似性

Belongs to the peptidase A22A family.

#### ドメイン

The PAL motif is required for normal active site conformation.

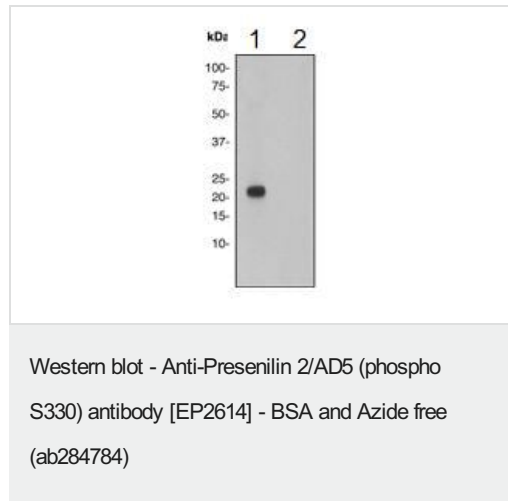
#### 翻訳後修飾

Heterogeneous proteolytic processing generates N-terminal and C-terminal fragments.  
Phosphorylated on serine residues.

#### 細胞内局在

Endoplasmic reticulum membrane. Golgi apparatus membrane.

#### 画像



**All lanes** : Anti-Presenilin 2/AD5 (phospho S330) antibody [EP2614] ([ab109456](#)) at 1/5000 dilution

**Lane 1** : HeLa cell lysate untreated with with Alkaline Phosphatase

**Lane 2** : HeLa cell lysate treated with Alkaline Phosphatase

Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes** : HRP-labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 50 kDa

This data was developed using [ab109456](#), the same antibody clone in a different buffer formulation.

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

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