

Anti-BACE2 antibody ab5670

4 References [画像数 2](#)

製品の概要

製品名	Anti-BACE2 antibody
製品の詳細	Rabbit polyclonal to BACE2
由来種	Rabbit
アプリケーション	適用あり: WB, ICC/IF
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide corresponding to Human BACE2 aa 441-457. Sequence: VSEISGPFSTEDIASNC

(Peptide available as [ab5869](#))

 [Run BLAST with](#)

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特記事項

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.

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 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 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: 0.05% Sodium azide Constituents: 99% PBS, 0.1% BSA
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

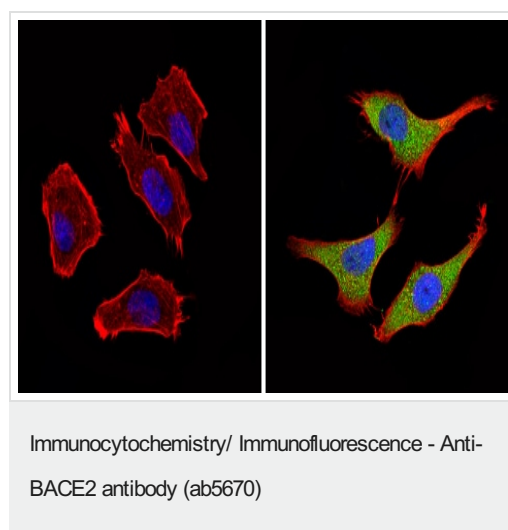
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab5670の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 2 µg/ml.
ICC/IF		1/10 - 1/200.

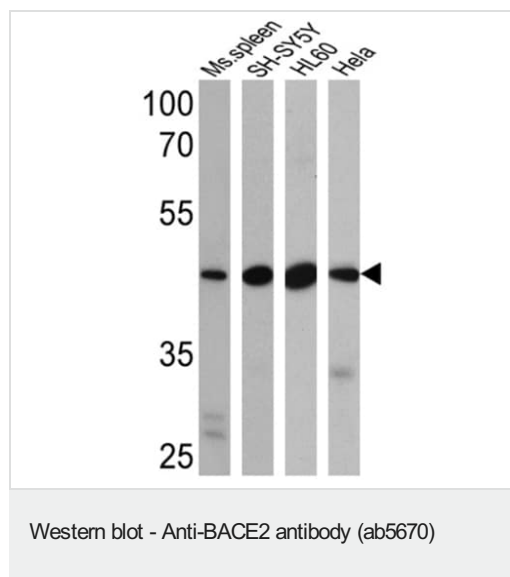
ターゲット情報

機能	Responsible for the proteolytic processing of the amyloid precursor protein (APP). Cleaves APP, between residues 690 and 691, leading to the generation and extracellular release of beta-cleaved soluble APP, and a corresponding cell-associated C-terminal fragment which is later released by gamma-secretase. It has also been shown that it can cleave APP between residues 671 and 672.
組織特異性	Brain. Present in neurons within the hippocampus, frontal cortex and temporal cortex (at protein level). Expressed at low levels in most peripheral tissues and at higher levels in colon, kidney, pancreas, placenta, prostate, stomach and trachea. Expressed at low levels in the brain. Found in spinal cord, medulla oblongata, substantia nigra and locus coeruleus. Expressed in the ductal epithelium of both normal and malignant prostate.
配列類似性	Belongs to the peptidase A1 family.
翻訳後修飾	Undergoes autoproteolytic cleavage. Glycosylated.
細胞内局在	Membrane. Golgi apparatus. Endoplasmic reticulum. Endosome. Cell surface.

画像



Immunocytochemistry/Immunofluorescence analysis of BACE2 (green) showing staining in the nucleus and cytoplasm of A549 cells (right) compared to a negative control without primary antibody (left). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were incubated with ab5670 in 3% BSA-PBS at a dilution of 1:100 and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody in PBS at room temperature in the dark. F-actin (red) was stained with a fluorescent red phalloidin and nuclei (blue) were stained with Hoechst or DAPI. Images were taken at a magnification of 60x.



All lanes : Anti-BACE2 antibody (ab5670) at 1/500 dilution

Lane 1 : Mouse spleen cell lysate

Lane 2 : SH-SY5Y cell lysate

Lane 3 : HL60 cell lysate

Lane 4 : HeLa cell lysate

Lysates/proteins at 25 µg per lane.

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