abcam

Product datasheet

Anti-Keap1 antibody ab118285

6 References 画像数 2

製品の概要

製品名	Anti-Keap1 antibody
製品の詳細	Goat polyclonal to Keap1
由来種	Goat
アプリケーション	**適用あり:** WB, ICC/IF, IHC-P
種交差性	**交差種:** Mouse, Human **交差が予測される動物種:** Rat, Cow, Dog, Pig, Orangutan
免疫原	Synthetic peptide: EVTPSQHGNRTFS with a Cysteine residue linker, corresponding to internal sequence amino acids 41-53 of Human Keap1 (NP_036421.2). Run BLAST with Run BLAST with
ポジティブ・コントロール	HeLa and NIH3T3 cell lysates.
特記事項	Reported variants represent identical protein: NP_036421.2, NP_987096.1. 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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified
特記事項（精製）	ab118285 is purified from Goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

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ab118285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 0.2 - 0.6 µg/ml. Detects a band of approximately 75 kDa (predicted molecular weight: 70 kDa). 1 hour primary incubation is recommended for this product.
ICC/IF		Use a concentration of 5 µg/ml.
IHC-P		Use a concentration of 3 - 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

ターゲット情報

機能	Retains NFE2L2/NRF2 in the cytosol. Functions as substrate adapter protein for the E3 ubiquitin ligase complex formed by CUL3 and RBX1. Targets NFE2L2/NRF2 for ubiquitination and degradation by the proteasome, thus resulting in the suppression of its transcriptional activity and the repression of antioxidant response element-mediated detoxifying enzyme gene expression. May also retain BPTF in the cytosol. Targets PGAM5 for ubiquitination and degradation by the proteasome.
組織特異性	Broadly expressed, with highest levels in skeletal muscle.
配列類似性	Contains 1 BACK (BTB/Kelch associated) domain. Contains 1 BTB (POZ) domain. Contains 6 Kelch repeats.
ドメイン	The Kelch repeats mediate interaction with NF2L2/NRF2, BPTF and PGAM5.
翻訳後修飾	Ubiquitinated and subject to proteasomal degradation.
細胞内局在	Cytoplasm. Nucleus. Shuttles between cytoplasm and nucleus.

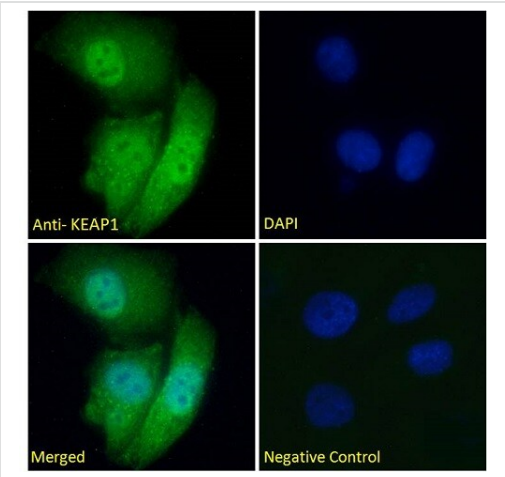
画像

Western blot - Anti-Keap1 antibody (ab118285)

Anti-Keap1 antibody (ab118285) at 0.2 µg/ml + NIH3T3 cell lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

Predicted band size: 70 kDa



Immunocytochemistry/ Immunofluorescence - Anti-Keap1 antibody (ab118285)

ab118285 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (5µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml), showing nuclear and cytoplasmic staining. The nuclear stained with DAPI.

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