


Anti-FKBP12 antibody [EPR3888] ab92459

KO 評価済 リコンビナント RabMAb

★★★★☆ 2 Abreviews 1 References 画像数 4

製品の概要

製品名	Anti-FKBP12 antibody [EPR3888]
製品の詳細	Rabbit monoclonal [EPR3888] to FKBP12
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: Flow Cyt, ICC/IF, IHC-P or IP
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic peptide within Human FKBP12 aa 50-150 (C terminal). The exact sequence is proprietary.
ポジティブ・コントロール	U937 and SH-SY5Y cell lysates. Fetal brain, human brain lysate, mouse heart lysate and rat heart tissue lysates.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名 EPR3888
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ab92459の使用に適用されず**
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	★★★★☆ (2)	1/2000. Predicted molecular weight: 12 kDa. For unpurified use at 1/10000 - 1/50000

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

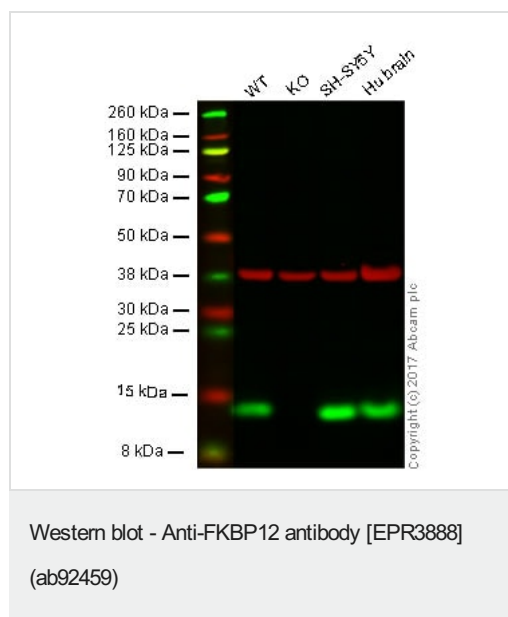
ターゲット情報

機能 May play a role in modulation of ryanodine receptor isoform-1 (RYR-1), a component of the calcium release channel of skeletal muscle sarcoplasmic reticulum. There are four molecules of FKBP12 per skeletal muscle RYR. PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.

配列類似性 Belongs to the FKBP-type PPlase family. FKBP1 subfamily.
Contains 1 PPlase FKBP-type domain.

細胞内局在 Cytoplasm.

画像



Lane 1: Wild-type HAP1 whole cell lysate (20 µg)

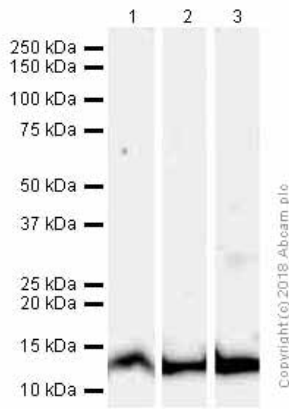
Lane 2: FKBP12 knockout HAP1 whole cell lysate (20 µg)

Lane 3: SH-SY5Y whole cell lysate (20 µg)

Lane 4: Human brain whole cell lysate (20 µg)

Lanes 1 - 4: Merged signal (red and green). Green - ab92459 observed at 12 kDa. Red - loading control, **ab9484**, observed at 37 kDa.

ab92459 was shown to specifically react with FKBP12 in wild-type HAP1 cells as signal was lost in FKBP12 knockout cells. Wild-type and FKBP12 knockout samples were subjected to SDS-PAGE. Ab92459 and **ab9484** (Mouse anti-GAPDH loading control) were incubated overnight at 4°C at 1/10000 dilution and 1/20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preabsorbed **ab216773** and Goat anti-Mouse IgG H&L (IRDye® 680RD) preabsorbed **ab216776** secondary antibodies at 1/20000 dilution for 1 hour at room temperature before imaging.



Western blot - Anti-FKBP12 antibody [EPR3888] (ab92459)

All lanes : Anti-FKBP12 antibody [EPR3888] (ab92459) at 1/2000 dilution

Lane 1 : Human brain lysate

Lane 2 : Mouse heart lysate

Lane 3 : Rat heart lysate

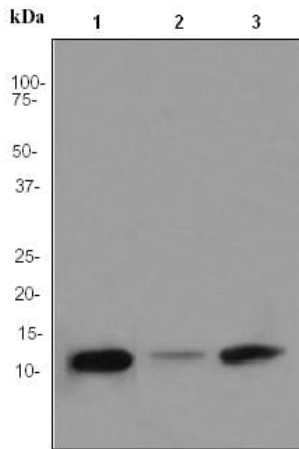
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

Predicted band size: 12 kDa

Observed band size: 12 kDa



Western blot - Anti-FKBP12 antibody [EPR3888] (ab92459)

All lanes : Anti-FKBP12 antibody [EPR3888] (ab92459) at 1/10000 dilution

Lane 1 : Fetal brain lysate

Lane 2 : U937 cell lysate

Lane 3 : SH-SY5Y cell lysate

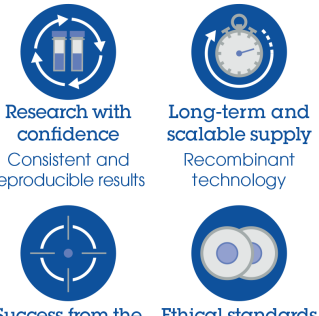
Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 12 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-FKBP12 antibody [EPR3888] (ab92459)

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

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