


Anti-FKBP52 antibody ab97306

★★★★★ 1 Abreviews 3 References 画像数 4

医薬用外劇物

製品の概要

製品名	Anti-FKBP52 antibody
製品の詳細	Rabbit polyclonal to FKBP52
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P, ICC/IF
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Cow 
免疫原	Recombinant fragment corresponding to a region within amino acids 1-177 of Human FKBP52 (AAH01786)
ポジティブ・コントロール	293T, A431, H1299, HeLa, HepG2, MOLT4 and Raji cells. Cal27 xenograft.
特記事項	<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 found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
精製度	Immunogen affinity purified
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

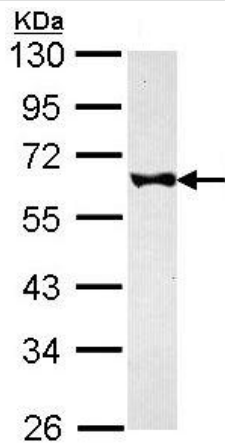
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab97306の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/500 - 1/3000. Predicted molecular weight: 52 kDa.
IHC-P		1/100 - 1/500.
ICC/IF		1/100 - 1/200.

ターゲット情報

機能	Immunophilin protein with PPlase and co-chaperone activities (By similarity). Component of unliganded steroid receptors heterocomplexes through interaction with heat-shock protein 90 (HSP90). May play a role in the intracellular trafficking of heterooligomeric forms of steroid hormone receptors between cytoplasm and nuclear compartments (By similarity). The isomerase activity controls neuronal growth cones via regulation of TRPC1 channel opening. Acts also as a regulator of microtubule dynamics by inhibiting MAPT/TAU ability to promote microtubule assembly.
組織特異性	Widely expressed.
配列類似性	Contains 2 PPlase FKBP-type domains. Contains 3 TPR repeats.
ドメイン	The PPlase activity is mainly due to the first PPlase FKBP-type domain (1-138 AA). The C-terminal region (AA 375-458) is required to prevent tubulin polymerization. The chaperone activity resides in the C-terminal region, mainly between amino acids 264 and 400.
翻訳後修飾	Phosphorylation by CK2 results in loss of HSP90 binding activity (By similarity). Phosphorylated upon DNA damage, probably by ATM or ATR.
細胞内局在	Cytoplasm > cytosol. Nucleus. Cytoplasm > cytoskeleton.

画像

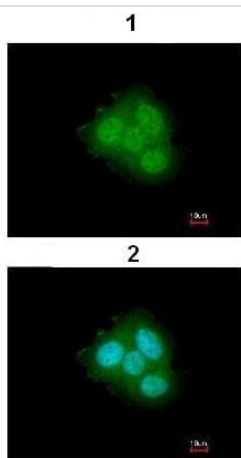


Western blot - Anti-FKBP52 antibody (ab97306)

Anti-FKBP52 antibody (ab97306) at 1/5000 dilution + H1299 whole cell lysate at 30 µg

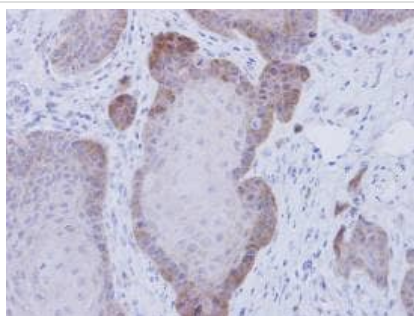
Predicted band size: 52 kDa

10% SDS-PAGE



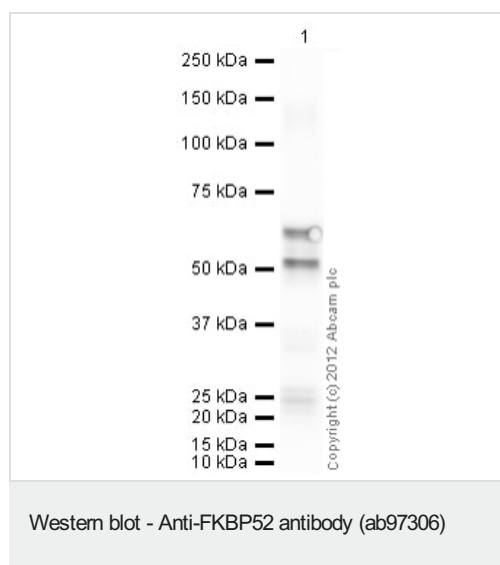
Immunocytochemistry/ Immunofluorescence - Anti-FKBP52 antibody (ab97306)

Immunofluorescence analysis of paraformaldehyde-fixed A431, using ab97306 at 1/200 dilution (1) and merged with DNA probe (2).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FKBP52 antibody (ab97306)

Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using ab97306 at 1/500 dilution.



Anti-FKBP52 antibody (ab97306) at 1/3000 dilution + Recombinant human FKBP52 protein ([ab84189](#)) at 0.1 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 52 kDa

Exposure time: 30 seconds

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