

Anti-FKBP52 antibody [EPR6619] ab124906

重组 RabMAb

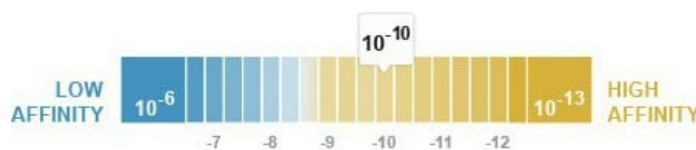
1 References 4 图像

概述

产品名称	Anti-FKBP52抗体[EPR6619]
描述	兔单克隆抗体[EPR6619] to FKBP52
宿主	Rabbit
经测试应用	适用于: WB, IHC-P 不适用于: Flow Cyt (Intra) or ICC/IF
种属反应性	与反应: Human 不与反应: Mouse, Rat
免疫原	Synthetic peptide within Human FKBP52 aa 400-500 (C terminal). The exact sequence is proprietary.
阳性对照	HeLa, MCF7, Jurkat and K562 cell lysates; Human breast tissue
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - 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 .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解离常数 (K_D)	K _D = 1.38 x 10 ⁻¹⁰ M



[Learn more about K_D](#)

存储溶液	pH: 7.20
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Preservative: 0.05% Sodium azide
Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant

纯度 Protein A purified
克隆 单克隆
克隆编号 EPR6619
同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab124906于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/50000 - 1/200000. Detects a band of approximately 52 kDa (predicted molecular weight: 52 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

应用说明 Is unsuitable for Flow Cyt (Intra) or ICC/IF.

靶标

功能 Immunophilin protein with PPase 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.

组织特异性 Widely expressed.

序列相似性 Contains 2 PPase FKBP-type domains.

Contains 3 TPR repeats.

结构域 The PPase activity is mainly due to the first PPase FKBP-type domain (1-138 AA).

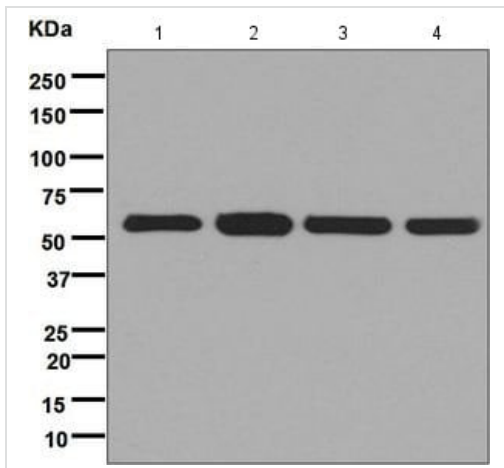
The C-terminal region (AA 375-458) is required to prevent tubulin polymerization.

The chaperone activity resides in the C-terminal region, mainly between amino acids 264 and 400.

翻译后修饰 Phosphorylation by CK2 results in loss of HSP90 binding activity (By similarity). Phosphorylated upon DNA damage, probably by ATM or ATR.

细胞定位 Cytoplasm > cytosol. Nucleus. Cytoplasm > cytoskeleton.

图片



Western blot - Anti-FKBP52 antibody [EPR6619] (ab124906)

All lanes : Anti-FKBP52 antibody [EPR6619] (ab124906) at 1/50000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : MCF7 cell lysate

Lane 3 : Jurkat cell lysate

Lane 4 : K562 cell lysate

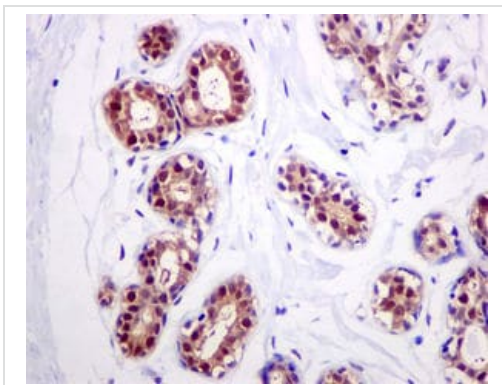
Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 52 kDa

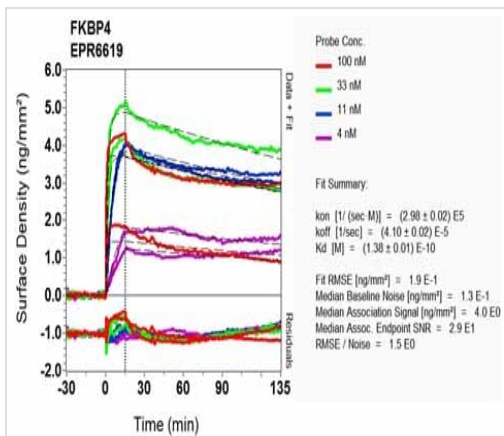
Observed band size: 52 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FKBP52 antibody [EPR6619] (ab124906)

ab124906, at 1/100 dilution, staining FKBP52 in paraffin-embedded Human breast tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Ox-RD Scanning - Anti-FKBP52 antibody [EPR6619] (ab124906)

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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-FKBP52 antibody [EPR6619] (ab124906)

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