abcam

Product datasheet

Anti-FKBP15 antibody ab14432

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概述

产品名称	Anti-FKBP15抗体
描述	**兔多克隆抗体**to FKBP15
宿主	Rabbit
经测试应用	**适用于:** WB, IP
种属反应性	**与反应:** Mouse, Human **预测可用于:** Horse, Cow, Chimpanzee, Rhesus monkey, Gorilla, Orangutan
免疫原	Synthetic peptide corresponding to Human FKBP135 aa 50-150. Database link: **Q5T1M5**
阳性对照	WB: HeLa, HEK-293T and NIH/3T3 whole cell lysates. IP: HeLa whole cell lysate.
常规说明	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

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7 Preservative: 0.1% Sodium azide Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris
纯度	Immunogen affinity purified
纯化说明	Antibody was purified using an epitope specific to FKBP-15 immobilized on solid support.
克隆	**多克隆**
同种型	IgG

应用

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab14432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		1/2000 - 1/10000. Predicted molecular weight: 135 kDa.
IP		Use at 2-10 µg/mg of lysate.

靶标

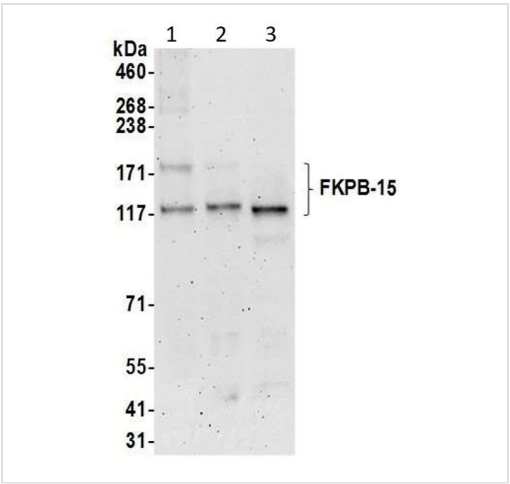
功能 May be involved in the cytoskeletal organization of neuronal growth cones. Seems to be inactive as a PPIase (By similarity). Involved in the transport of early endosomes at the level of transition between microfilament-based and microtubule-based movement.

序列相似性 Belongs to the FKBP-type PPIase family.
Contains 1 PPIase FKBP-type domain.

结构域 The PPIase FKBP-type domain seems to be inactive both for FK506-binding and enzymatic activity.
The central coiled-coil region is responsible for association with early endosomes.

细胞定位 Cytoplasm. Cell projection, axon. Early endosome. Present in axons and neuronal growth cones.

图片



Western blot - Anti-FKBP135 antibody (ab14432)

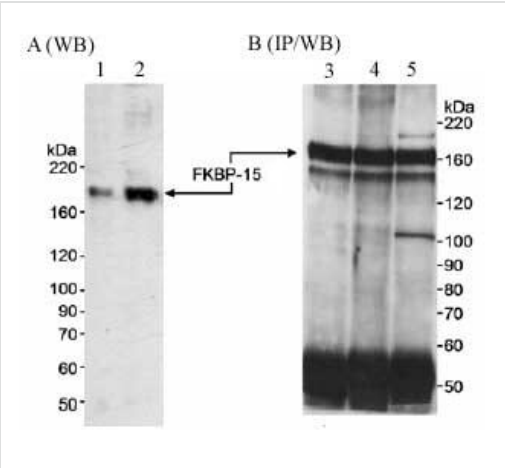
All lanes : Anti-FKBP15 antibody (ab14432) at 0.1 µg/ml

Lane 1 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate
Lane 2 : HEK-293T (Human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate
Lane 3 : NIH/3T3 (Mouse embryonic fibroblast cell line) whole cell lysate

Lysates/proteins at 50 µg per lane.

Predicted band size: 135 kDa

Exposure time: 3 minutes



Western blot - Anti-FKBP135 antibody (ab14432)

All lanes : Anti-FKBP15 antibody (ab14432) at 0.2 µg/ml

Lane 1 : Nuclear lysates prepared from Hela cells at 5 µg
Lane 2 : Nuclear lysates prepared from Hela cells at 20 µg
Lanes 3-5 : Nuclear lysates prepared from Hela cells at 1 mg/ml

Predicted band size: 135 kDa

Antibodies: ab14432 used at 0.2 mcg/ml for WB in A and B and 2 mcg/mg extract for IP (B), **ab14433** and **ab14434** used at 2 mcg/mg extract for IP. Detection: Chemiluminescence with an exposure time of 25 minutes (A) and 10 minutes (B).

In figure B the Immunoprecipitation was done using ab14432 (Lane 3), **ab14433** (Lane 4) and **ab14434** (Lane 5) at 2µg/mg of extract.

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