


Anti-SARA antibody [EPR5020] ab124875

重组 RabMAb

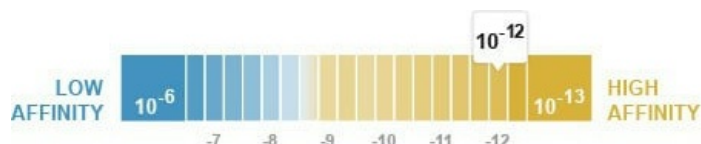
5 References **5 图像**

概述

产品名称	Anti-SARA抗体[EPR5020]
描述	兔单克隆抗体[EPR5020] to SARA
宿主	Rabbit
经测试应用	适用于: WB, IHC-P 不适用于: ICC/IF
种属反应性	与反应: Human 预测可用于: Rat 
免疫原	Synthetic peptide within Human SARA aa 1-100 (N terminal). The exact sequence is proprietary.
阳性对照	Huan heart, A673, HT-1080, BxPC-3, Jutkat, HeLa, and Human fetal brain lysates, Human kidney tissue
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
解离常数 (K_D)	K _D = 3.10 x 10 ⁻¹² M



[Learn more about K_D](#)

存储溶液	pH: 7.20 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	EPR5020
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab124875 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。

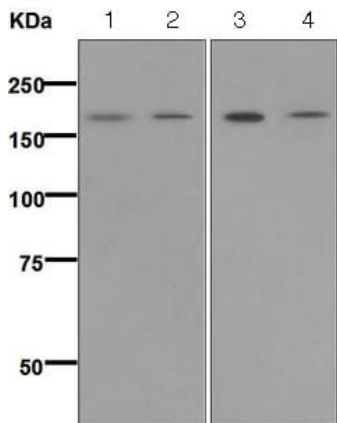
应用	Ab评论	说明
WB		1/10000 - 1/50000. Detects a band of approximately 180 kDa (predicted molecular weight: 156 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

应用说明 Is unsuitable for ICC/IF.

靶标

功能	Early endosomal protein that functions to recruit SMAD2/SMAD3 to intracellular membranes and to the TGF-beta receptor. Plays a significant role in TGF-mediated signaling by regulating the subcellular location of SMAD2 and SMAD3 and modulating the transcriptional activity of the SMAD3/SMAD4 complex. Possibly associated with TGF-beta receptor internalization.
组织特异性	Ubiquitous. In the brain found primarily in the cerebrovascular smooth muscle cells and reactive astrocytes.
序列相似性	Contains 1 FYVE-type zinc finger.
结构域	The SMAD binding domain (SBD) interacts with the MH2 domains of SMAD2 or SMAD3. The FYVE-type zinc finger is necessary and sufficient for its localization into early endosomes and mediates the association with PI3P.
细胞定位	Cytoplasm. Early endosome membrane.

图片



Western blot - Anti-SARA antibody [EPR5020]
(ab124875)

All lanes : Anti-SARA antibody [EPR5020] (ab124875) at 1/10000 dilution

Lane 1 : Human heart tissue lysate

Lane 2 : A673 cell lysate

Lane 3 : HT-1080 cell lysate

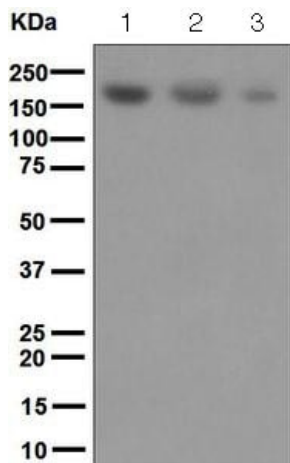
Lane 4 : BxPC-3 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 156 kDa



Western blot - Anti-SARA antibody [EPR5020]
(ab124875)

All lanes : Anti-SARA antibody [EPR5020] (ab124875) at 1/10000 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : HeLa cell lysate

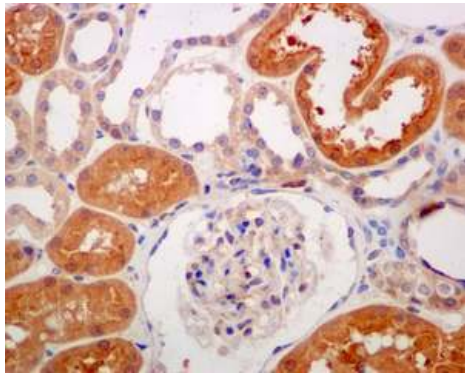
Lane 3 : Human fetal brain tissue lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

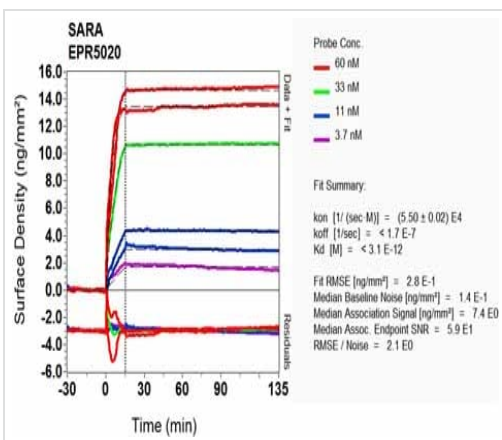
Predicted band size: 156 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SARA antibody [EPR5020] (ab124875)

Staining of SARA in Paraffin-embedded Human kidney tissue by Immunohistochemistry using ab124875 at a dilution of 1/100.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



SPR Scanning - Anti-SARA antibody [EPR5020] (ab124875)

Equilibrium dissociation 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-SARA antibody [EPR5020] (ab124875)

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

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