

Anti-PREX2 antibody ab121462

[4 References](#) [2 图像](#)

概述

| | |
|-------|---|
| 产品名称 | Anti-PREX2抗体 |
| 描述 | 兔多克隆抗体to PREX2 |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: IHC-P, ICC/IF |
| 种属反应性 | 与反应: Human |
| 免疫原 | antigen, corresponding to amino acids 686-835 of Human PREX2 |
| 阳性对照 | Human stomach tissue |
| 常规说明 | <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> |

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. |
| 存储溶液 | <p>pH: 7.20</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS</p> |
| 纯度 | Immunogen affinity purified |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab121462于以下的经测试应用

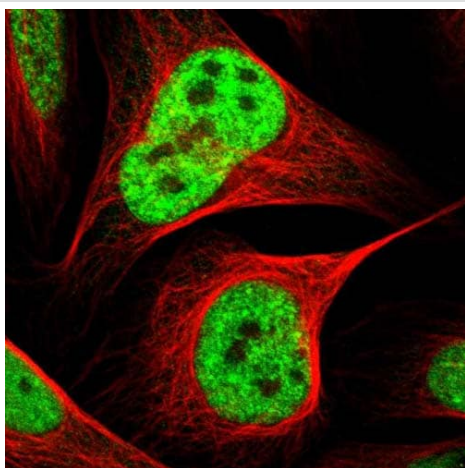
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|--------|------|--|
| IHC-P | | 1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |
| ICC/IF | | Use a concentration of 1 - 4 µg/ml. Recommend PFA Fixation and Triton X-100 treatment |

靶标

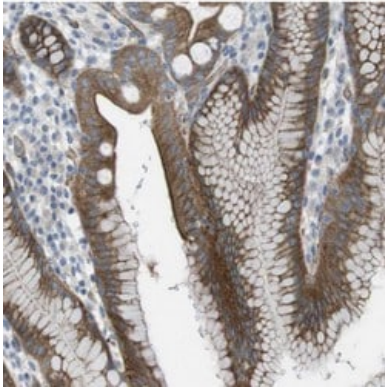
| | |
|-------|--|
| 功能 | Functions as a RAC1 guanine nucleotide exchange factor (GEF), activating Rac proteins by exchanging bound GDP for free GTP. Its activity is synergistically activated by phosphatidylinositol-3,4,5-triphosphate and the beta gamma subunits of heterotrimeric G protein. Mediates the activation of RAC1 in a PI3K-dependent manner. May be an important mediator of Rac signaling, acting directly downstream of both G protein-coupled receptors and phosphoinositide 3-kinase. |
| 组织特异性 | Isoform 1 is highly expressed in skeletal muscle, heart and placenta, absent from peripheral blood leukocytes. Isoform 2 is expressed in skeletal muscle, kidney, small intestine, and placenta. Isoform 3 is expressed in the heart. |
| 序列相似性 | Contains 2 DEP domains. Contains 1 DH (DBL-homology) domain. Contains 2 PDZ (DHR) domains. Contains 1 PH domain. |
| 结构域 | PH domain confers substrate specificity and recognition. Able to discriminate between RAC1, RHOA, and CDC42. DH domain alone was unable to confer substrate specificity and recognition. |

图片



Immunofluorescent staining of Human cell line U-2 OS shows positivity in nuclei but not nucleoli. Recommended concentration of ab121462 1-4 µg/ml. Cells treated with PFA/Triton X-100.

Immunocytochemistry/ Immunofluorescence - Anti-PREX2 antibody (ab121462)



ab121462 at a 1/725 dilution staining PREX2 in Human stomach tissue (paraffin embedded) by immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PREX2 antibody (ab121462)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors