

Anti-Sodium Potassium ATPase antibody ab353

10 References

概述

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| 产品名称 | Anti-Sodium Potassium ATPase抗体 |
| 描述 | 鸡多克隆抗体to Sodium Potassium ATPase |
| 宿主 | Chicken |
| 特异性 | Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Chicken Serum as well as purified and partially purified ATPase, Sodium, Potassium [Canine Kidney]. |
| 经测试应用 | 适用于: ELISA, IHC-Fr, ICC/IF, WB |
| 种属反应性 | 与反应: Dog |
| 免疫原 | Full length protein corresponding to Sodium Potassium ATPase. ATPase, Sodium, Potassium [Canine Kidney] |
| 阳性对照 | ICC: MDCK cells ELISA: 1ug recombinant protein |
| 常规说明 | <p>Centrifuge product if not completely clear after standing at room temperature. This product is for research use only and is not intended for therapeutic or diagnostic applications. Please note that we have 2 concentrations of this antibody: 1mg/ml and 10mg/ml. Please check the vial label.</p> <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

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| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| 存储溶液 | Preservative: 0.01% Sodium azide Constituents: 0.424% Potassium phosphate, 0.878% Sodium chloride |
| 纯度 | Immunogen affinity purified |
| 纯化说明 | This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed |

by extensive dialysis against the buffer stated above.

克隆 多克隆
同种型 IgY

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab353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 |
|--------|------|---|
| ELISA | | Use at an assay dependent concentration. This product has been assayed against 1.0 ug of ATPase, Sodium, Potassium in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Chicken IgG [H&L] (Rabbit)and ABTS (2,2'-azino-bis-[3-ethylbenthia-zoline-6-sulfonic acid])as a substrate for 30 minutes at room temperature. |
| IHC-Fr | | Use at an assay dependent concentration. (see review) |
| ICC/IF | | Use at an assay dependent concentration. (see review). Use amplification. |
| WB | | Use at an assay dependent concentration. |

靶标

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| 功能 | This is the catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of sodium and potassium ions across the plasma membrane. This action creates the electrochemical gradient of sodium and potassium ions, providing the energy for active transport of various nutrients. |
| 序列相似性 | Belongs to the cation transport ATPase (P-type) (TC 3.A.3) family. Type IIC subfamily. |
| 翻译后修饰 | Phosphorylation on Tyr-10 modulates pumping activity. |
| 细胞定位 | Cell membrane. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. |

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

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- 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.

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