

Anti-Sodium Potassium ATPase antibody ab353

10 References

製品の概要

製品名	Anti-Sodium Potassium ATPase antibody
製品の詳細	Chicken polyclonal to Sodium Potassium ATPase
由来種	Chicken
特異性	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].
アプリケーション	適用あり: ELISA, IHC-Fr, ICC/IF, WB
種交差性	交差種: Dog
免疫原	Full length protein corresponding to Sodium Potassium ATPase. ATPase, Sodium, Potassium [Canine Kidney]
ポジティブ・コントロール	ICC: MDCK cells ELISA: 1ug recombinant protein
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.01% Sodium azide Constituents: 0.424% Potassium phosphate, 0.878% Sodium chloride
精製度	Immunogen affinity purified
特記事項 (精製)	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.

ポリ/モノ

ポリクローナル

アイソタイプ

IgY

アプリケーション

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アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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.

ターゲット情報

機能	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.
配列類似性	Belongs to the cation transport ATPase (P-type) (TC 3.A.3) family. Type IIC subfamily.
翻訳後修飾	Phosphorylation on Tyr-10 modulates pumping activity.
細胞内局在	Cell membrane. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

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