abcam

Product datasheet

Anti-ATP1B1 antibody [C464.8 (8A)] ab33144

1 References

製品の概要

製品名	Anti-ATP1B1 antibody [C464.8 (8A)]
製品の詳細	Mouse Monoclonal [C464.8 (8A)] to ATP1B1
由来種	Mouse
特異性	This antibody is specific for the beta 1 subunit isoform of Sodium Potassium ATPase. The clone number has been updated from (0.T.05) to (C464.8 (8A)) both clone numbers name the same antibody clone.
アプリケーション	**適用あり:** WB, IHC-P
種交差性	**交差種:** Rat, Dog, Human **非交差種:** Mouse
免疫原	Full length native protein (purified) corresponding to Rabbit beta 1 Sodium Potassium ATPase.
ポジティブ・コントロール	Rat brain microsomal preparation, rat heart and rat kidney microsomal preparations.
特記事項	

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	Preservative: 0.05% Sodium Azide Constituents: 40% Glycerol, 0.15M Sodium chloride, 0.1M Tris glycine. pH 7.4
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	C464.8 (8A)
アイソタイプ	IgG2a
軽鎖の種類	kappa

アプリケーション

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アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 48 kDa. Proteins were visualized using a goat anti mouse secondary antibody conjugated to HRP and a chemiluminescence detection system.
IHC-P		Use a concentration of 10 µg/ml. 4% paraformaldehyde fixed tissue.

ターゲット情報

機能	This is the non-catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane. The beta subunit regulates, through assembly of alpha/beta heterodimers, the number of sodium pumps transported to the plasma membrane.
組織特異性	Found in most tissues.
配列類似性	Belongs to the X(+)/potassium ATPases subunit beta family.
細胞内局在	Membrane.

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