

## Product datasheet

# Anti-beta 1 Sodium Potassium ATPase antibody [C464.8 (8A)] ab33144

### 1 References

#### 概述

产品名称	Anti-beta 1 Sodium Potassium ATPase抗体[C464.8 (8A)]
描述	小鼠单克隆抗体[C464.8 (8A)] to beta 1 Sodium Potassium ATPase
特异性	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.
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Rat, Dog, Human 不与反应: Mouse
免疫原	Full length native protein (purified) corresponding to Rabbit beta 1 Sodium Potassium ATPase.
阳性对照	Rat brain microsomal preparation, rat heart and rat kidney microsomal preparations.
常规说明	

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Preservative: 0.05% Sodium Azide Constituents: 40% Glycerol, 0.15M Sodium chloride, 0.1M Tris glycine. pH 7.4
纯度	Protein G purified
克隆	单克隆
克隆编号	C464.8 (8A)
同种型	IgG2a
轻链类型	kappa

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab33144** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
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.

## 靶标

功能	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.
组织特异性	Found in most tissues.
序列相似性	Belongs to the X(+)/potassium ATPases subunit beta family.
细胞定位	Membrane.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## 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 <http://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