

## Product datasheet

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

### 1 References

#### 概述

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

#### 性能

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

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