

Product datasheet

# Anti-Hydrogen Potassium ATPase Beta antibody ab103515

1 Image

Overview

<b>Product name</b>	Anti-Hydrogen Potassium ATPase Beta antibody
<b>Description</b>	Rabbit polyclonal to Hydrogen Potassium ATPase Beta
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to a region within N terminal amino acids 60-90 of Human Hydrogen Potassium ATPase Beta.
<b>Positive control</b>	Mouse heart tissue lysates.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab103515** in the following tested applications.

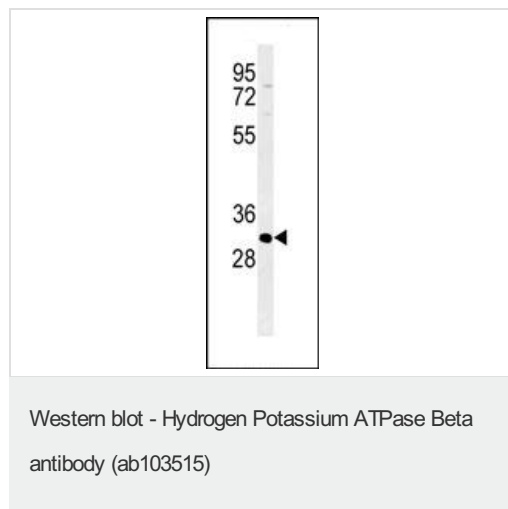
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/500. Predicted molecular weight: 33 kDa.

## Target

<b>Function</b>	Required for stabilization and maturation of the catalytic proton pump alpha subunit and may also involved in cell adhesion and establishing epithelial cell polarity.
<b>Sequence similarities</b>	Belongs to the X(+)/potassium ATPases subunit beta family.
<b>Domain</b>	The C-terminal lobe folds into an immunoglobulin-like domain and mediates cell adhesion properties.
<b>Cellular localization</b>	Cell membrane.

## Images



Anti-Hydrogen Potassium ATPase Beta antibody (ab103515) at 1/100 dilution + Mouse heart tissue lysates at 35 µg

**Predicted band size:** 33 kDa

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