

## Product datasheet

# Anti-Aldosterone antibody ab45163

### Overview

<b>Product name</b>	Anti-Aldosterone antibody
<b>Description</b>	Rabbit polyclonal to Aldosterone
<b>Host species</b>	Rabbit
<b>Specificity</b>	Androsterone <1% Cortisone <1% Dihydrotestosterone <0.5% Estrone <0.5% Estriol <0.2% Estradiol <0.2% Testosterone <0.1 %
<b>Tested applications</b>	<b>Suitable for:</b> RIA, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Mammals
<b>Immunogen</b>	4-PREGNEN-11 $\beta$ , 21-DIOL-3, 18, 20-TRIONE 3-CARBOXYMETHYLOXIME conjugated to BSA

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.50 Preservative: 0.01% Thimerosal (merthiolate) Constituents: PBS, 50% Glycerol
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab45163** 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
RIA		Use a concentration of 4 $\mu$ g/ml.
ELISA		Use a concentration of 4 $\mu$ g/ml.

## Target

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### Relevance

Aldosterone is a steroid hormone (mineralocorticoid family) produced by the outer-section (zona glomerulosa) of the adrenal cortex in the adrenal gland to regulate sodium and potassium balance in the blood. It is synthesized from cholesterol by aldosterone synthase, which is absent in other sections of the adrenal gland. It acts in the kidney promoting the reabsorption of sodium ions (Na<sup>+</sup>) into the blood. Water follows the salt and this helps maintain normal blood pressure. It also acts on sweat glands to reduce the loss of sodium in perspiration and taste cells to increase the sensitivity of the taste buds to sources of sodium.

### Cellular localization

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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