



Anti-Aldosterone polyclonal antibody (DPAB0358)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Specific for Aldosterone. Aldosterone is a steroid hormone which is produced by the adrenal gland. It has a number of functions relating to regulation of blood pressure and the balance of sodium and potassium by the kidneys. Cross reactivity: Androstenedi
Immunogen	Aldosterone-3-CMO-BSA
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Purification	Protein G chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA and Immunohistochemistry (frozen sections). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	5mg/ml (OD280nm)
Size	1 mL
Buffer	PBS containing 50% glycerol
Preservative	0.09% Sodium Azide
Storage	Short term store at 2-8°C. Long term store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction

Aldosterone is a hormone that increases the reabsorption of sodium ions and water and the release (secretion) of potassium ions in the collecting ducts and distal convoluted tubule of the kidneys' functional unit, the nephron. This increases blood volume and, therefore, increases blood pressure. Drugs that interfere with the secretion or action of aldosterone are in use as antihypertensives. One example is spironolactone, which lowers blood pressure by blocking the aldosterone receptor. Aldosterone is part of the renin-angiotensin system. 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.

Keywords

Aldocorten; Aldocortene; Aldocortin; D-aldosterone; Elektrocortin;
ELECTROCORTIN;LECTROCORTIN;REICHSTEIN X; ALDOCORTICOSTERONE;18-
KETOCORTICOSTERONE; ALDOSTERONE
