



Anti- Aldosterone polyclonal antibody (DPBT-65724RA)

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

PRODUCT INFORMATION

Product Overview	Rabbit Anti AldosteroneRabbit Anti Aldosterone
Immunogen	Aldosterone-3-CMO-BSA
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Broad
Conjugate	Unconjugated
Applications	IHC, ELISA, WB
Format	Purified IgG - liquid
Concentration	IgG concentration 5.0 mg/ml
Size	1 ml
Buffer	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Storage	Store at +4 °C or at -20 °C if preferred.Storage in frost-free freezers is not recommended.This product should be stored undiluted.Avoid repeated freezing and thawing as this may denature the antibody.Should this product contain a precipitate we recommend microcentrifugation before use.

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