

Datasheet for ABIN113195 **anti-Aldosterone antibody**



[Go to Product page](#)

Overview

Quantity:	1 mL
Target:	Aldosterone (ALD)
Reactivity:	Please inquire
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aldosterone antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Aldosterone-3-CMO-BSA
Isotype:	IgG
Purification:	Affinity Chromatography on Protein G

Target Details

Target:	Aldosterone (ALD)
Alternative Name:	Aldosterone (ALD Products)
Target Type:	Hormone
Background:	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

Target Details

reabsorption of sodium ions (Na⁺) 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.

Application Details

Application Notes: ELISA: Used in a competitive ELISA with 400 ng of Aldosterone-3-BSA per well.
Immunohistochemistry on Frozen Sections: Use at 1/25-1/200 depending on detectionsystem.
Overnight incubation at 4 °C is recommended.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 5.0 mg/mL (OD280)

Buffer: PBS buffer containing 0.09 % Sodium Azide as preservative.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.