

Datasheet for ABIN285421
anti-Cortisol-3 antibody



[Go to Product page](#)

3 Publications

Overview

Quantity:	1 mL
Target:	Cortisol-3
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cortisol-3 antibody is un-conjugated

Product Details

Immunogen:	Cortisol-3 antibody was raised in rabbit using cortisol-3-BSA as the immunogen.
Cross-Reactivity (Details):	Cortisol: 100 % , Prednisolone: 36.0 % , 11-Desoxycortisol: 5.7 % , Corticosterone: 3.3 % , Cortisone:

Target Details

Target:	Cortisol-3
Alternative Name:	Cortisol 3 (Cortisol-3 Products)
Target Type:	Hormone
Background:	Cortisol (hydrocortisone) is a steroid hormone, or glucocorticoid, produced by the adrenal gland. It is released in response to stress and a low level of blood glucocorticoids. Its primary functions are to increase blood sugar through gluconeogenesis, suppress the immune system, and aid in fat, protein and carbohydrate metabolism.

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Comment: Affinity Constant: 9×10^9 L/mol

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Neat serum with no preservatives.

Preservative: Without preservative

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.

Publications

Product cited in: Boulton, Couto, Grimmer, Earley, Canario, Wilson, Walling: "How integrated are behavioral and endocrine stress response traits? A repeated measures approach to testing the stress-coping style model." in: **Ecology and evolution**, Vol. 5, Issue 3, pp. 618-33, (2015) ([PubMed](#)).

Ros, Lusa, Meyer, Soares, Oliveira, Brossard, Bshary: "Does access to the bluestreak cleaner wrasse *Labroides dimidiatus* affect indicators of stress and health in resident reef fishes in the Red Sea?" in: **Hormones and behavior**, Vol. 59, Issue 1, pp. 151-8, (2011) ([PubMed](#)).

Ferguson: "Health anxiety moderates the daytime cortisol slope." in: **Journal of psychosomatic research**, Vol. 64, Issue 5, pp. 487-94, (2008) ([PubMed](#)).