

Product Datasheet

Corticosterone Antibody - BSA Free NB100-62480-0.5ml

Unit Size: 0.5 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-62480-0.5ml

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Product Information	
Unit Size	0.5 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Rabbit
Species	Non-species specific
Specificity/Sensitivity	This product is specific for Corticosterone, a steroid hormone which is produced by the adrenal gland. It is the major glucocorticoid in many species, having a role in stress response and immune reactions. This antibody show minimal cross-reactivity with the following related hormones: 11-Deoxycorticosterone 1% Cortisol 0.1% Progesterone 0.02% Testosterone <0.01%
Immunogen	Corticosterone 3 -BSA conjugate

Product Application Details	
Applications	ELISA, Radioimmunoassay
Recommended Dilutions	ELISA 1/5K-1/20K, Radioimmunoassay
Application Notes	Use in Radioimmunoassay reported in scientific literature (PMID: 24971804).

Publications

Lee Bombi, Shim Insop, Lee Hyejung, Hahm Dae-Hyun. Melatonin ameliorates cognitive memory by regulation of cAMP-response element-binding protein expression and the anti-inflammatory response in a rat model of post-traumatic stress disorder. BMC Neurosci 2018-01-01 [PMID: 29973144] (ELISA, Rat)

Rai SK. Identification of a Putative Corticosteroid in Pacific Lamprey (*Entosphenus tridentatus*). Thesis. 2014-12-01 [PMID: 24971804] (RIA, Fish)

Rai S, Szeitz A, Roberts BW et al. A putative corticosteroid hormone in Pacific lamprey, *Entosphenus tridentatus* Gen. Comp. Endocrinol. 2014-06-24 [PMID: 24971804] (RIA)

Details:

Corticosterone antibody used for RIA (Radioimmunoassay) in plasma isolated from blood of Pacific lamprey (*Entosphenus tridentatus*) collected via caudal vein using heparinised vacutainer tubes - spun at 1000×g at 4C for 12 min. Antibody also used for RIA on high performance liquid chromatography/HPLC fractions of Pacific lamprey's plasma. See full text for detailed methods.





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Products Related to NB100-62480-0.5ml

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
KGE009	Corticosterone [Biotin]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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