

Datasheet for ABIN929265
anti-CORT antibody (N-Term)



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1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	CORT
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CORT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	CORT antibody was raised in rabbit using the N terminal of CORT as the immunogen
Purification:	Purified

Target Details

Target:	CORT
Alternative Name:	CORT (CORT Products)
Background:	This gene encodes a neuropeptide that is structurally similar to somatostatin. It binds to all known somatostatin receptors, and shares many pharmacological and functional properties with somatostatin, including the depression of neuronal activity. However, it also has many properties distinct from somatostatin, such as induction of slow-wave sleep, apparently by antagonism of the excitatory effects of acetylcholine on the cortex, reduction of locomotor

Target Details

activity, and activation of cation selective currents not responsive to somatostatin. The preproprotein undergoes further processing into multiple mature products. Read-through transcripts exist between this gene and the upstream APITD1 (apoptosis-inducing, TAF9-like domain 1) gene, as represented in GenID:100526739. Synonyms: Polyclonal CORT antibody, Anti-CORT antibody, cortistatin antibody, CST-14 antibody, CST-17 antibody, CST-29 antibody.

Application Details

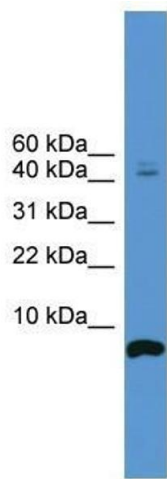
Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	CORT Blocking Peptide, catalog no. 33R-6294, is also available for use as a blocking control in assays to test for specificity of this CORT antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Publications

Product cited in:	DeVries, Holbrook, Winters, Jawor: "Non-breeding gonadal testosterone production of male and female northern cardinals (<i>Cardinalis cardinalis</i>) following GnRH challenge." in: General and comparative endocrinology , Vol. 174, Issue 3, pp. 370-8, (2011) (PubMed).
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Western Blotting

Image 1. CORT antibody used at 0.2-1 ug/ml to detect target protein.