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Datasheet for ABIN7167722

anti-CoREST antibody (AA 394-482) (Biotin)

Overview

Quantity:	100 µg
Target:	CoREST (RCOR1)
Binding Specificity:	AA 394-482
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CoREST antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human REST corepressor 1 protein (394-482AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CoREST (RCOR1)
Alternative Name:	RCOR1 (RCOR1 Products)
Background:	Background: Essential component of the BHC complex, a corepressor complex that represses transcription of neuron-specific genes in non-neuronal cells. The BHC complex is recruited at

Target Details

RE1/NRSE sites by REST and acts by deacetylating and demethylating specific sites on histones, thereby acting as a chromatin modifier. In the BHC complex, it serves as a molecular beacon for the recruitment of molecular machinery, including MeCP2 and SUV39H1, that imposes silencing across a chromosomal interval. Plays a central role in demethylation of Lys-4 of histone H3 by promoting demethylase activity of KDM1A on core histones and nucleosomal substrates. It also protects KDM1A from the proteasome. Component of a RCOR/GFI/KDM1A/HDAC complex that suppresses, via histone deacetylase (HDAC) recruitment, a number of genes implicated in multilineage blood cell development and controls hematopoietic differentiation.

Aliases: COREST antibody, KIAA0071 antibody, Nr2b2 antibody, Nuclear receptor coregulator 1 antibody, Nuclear receptor subfamily 2 group B member 2 antibody, Protein CoREST antibody, RCOR antibody, Rcor1 antibody, RCOR1_HUMAN antibody, REST corepressor 1 antibody, Retinoic acid receptor RXR-beta antibody, Retinoid X receptor beta antibody, Rxrb antibody

UniProt: [Q9UKL0](#)

Pathways: [Regulation of Hormone Metabolic Process](#), [Chromatin Binding](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.