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Anti-RCOR1 / COREST Antibody (aa109-293)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17773

Specification

Anti-RCOR1 / COREST Antibody (aa109-293) - Product Information

Application	**WB, IHC-P, ICC, IP**
Primary Accession	Q9UKL0
Predicted	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**53327**

Anti-RCOR1 / COREST Antibody (aa109-293) - Additional Information

Gene ID 23186

Alias Symbol	**RCOR1**

Other Names
RCOR1, COREST, Protein CoREST, REST corepressor 1, RCOR, KIAA0071, REST corepressor

Target/Specificity
Recognizes human CoREST, Mr ~66kD. Species cross-reactivity: Mouse and rat.

Reconstitution & Storage
Protein A purified

Precautions
Anti-RCOR1 / COREST Antibody (aa109-293) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-RCOR1 / COREST Antibody (aa109-293) - Protein Information

Name RCOR1

Synonyms KIAA0071, RCOR

Function
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 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.

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00512, ECO:0000255|PROSITE-ProRule:PRU00624, ECO:0000269|PubMed:10734093, ECO:0000269|PubMed:15897453}. Note=Upon infection by HSV-1, it is partially translocated into the cytoplasm in an HSV-1-dependent manner

Tissue Location
Ubiquitously expressed.

Anti-RCOR1 / COREST Antibody (aa109-293) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-RCOR1 / COREST Antibody (aa109-293) - Images