

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	O9UKL0
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 Cytometry](#)
- [Cell Culture](#)

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