

CoREST2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) **Catalog # AP55370**

Specification

CoREST2 Polyclonal Antibody - Product Information

Application **Primary Accession** Reactivity

Clonality Calculated MW **Physical State** Immunogen

Epitope Specificity

Isotype **Purity**

Host

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

WB, IHC-P, IHC-F, IF, ICC, E

from human CoREST2

08IZ40

Rabbit

58 KDa

Liquid

laG

Rat, Pig, Dog

151-250/523

Polyclonal

SUBCELLULAR LOCATION Nucleus. Belongs to the CoREST family. Contains 1

SIMILARITY

ELM2 domain. Contains 2 SANT domains. This product as supplied is intended for Important Note research use only, not for use in human,

therapeutic or diagnostic applications.

KLH conjugated synthetic peptide derived

Background Descriptions

In mammals, the CoREST complex is a chromatin-modifying structure that, through interactions with NRSF (neuron restrictive silencer factor), regulates neuronal gene expression and neuronal cell fate. RCOR2 (REST corepressor 2) and RCOR3 (REST corepressor 3) are nuclear proteins that each contain one ELM2 domain and two SANT domains. RCOR2 and RCOR3, both members of the CoREST family, are thought to function as components of the CoREST complex; possibly playing a role in the transcriptional repression of neuronal genes. Additionally, RCOR2 and RCOR3, in conjunction with CoREST, can form immunocomplexes with a variety of histone-modifying genes, including G9a and HDAC1. Via these protein complexes, RCOR2 and RCOR3 can further regulate transcription by controlling the methylation and demethylation of target genes during early development. While RCOR2 is expressed as only one known isoform, RCOR3 exists as two isoforms due to alternative splicing events.

CoREST2 Polyclonal Antibody - Additional Information

Gene ID 283248

Other Names REST corepressor 2, RCOR2

Dilution



WB~~1:1000/span>
br \> <span class</pre>

- ="dilution IHC-P">IHC-P~~N/A<br \><span class
- ="dilution_IHC-F">IHC-F~~N/A<br \><span class
- ="dilution_IF">IF \sim 1:50 \sim 200<br \>ICC \sim N/A<br \>E \sim N/A

Storage

Store at -20 $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 $^{\circ}$ C.

CoREST2 Polyclonal Antibody - Protein Information

Name RCOR2

Function

May act as a component of a corepressor complex that represses transcription.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00512, ECO:0000255|PROSITE-ProRule:PRU00624}

CoREST2 Polyclonal Antibody - 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

CoREST2 Polyclonal Antibody - Images