

Product datasheet

Anti-CoREST antibody ab90962

1 图像

概述

产品名称	Anti-CoREST抗体
描述	兔多克隆抗体to CoREST
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Horse, Guinea pig, Cow, Cat, Dog
免疫原	Synthetic peptide corresponding to a region within internal sequence amino acids 432-481 (EVLQEWAEAH GKEETNGPSN QKPVKSPDNS IKMPEEEDDA PVL DVRYASA) of Human CoREST (NP_055971). Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	HT1080 cell lysate

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab90962** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

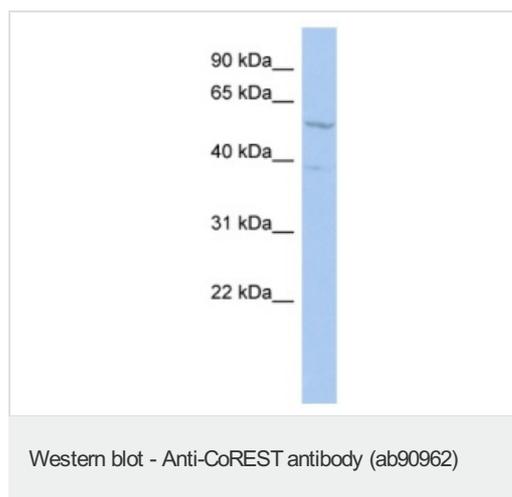
应用	Ab评论	说明

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WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 53 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

靶标

功能	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.
组织特异性	Ubiquitously expressed.
序列相似性	Belongs to the CoREST family. Contains 1 ELM2 domain. Contains 2 SANT domains.
结构域	The SANT domains may bridge the nucleosomal substrates and the demethylase KDM1A.
翻译后修饰	Phosphorylated by HSV-1 protein kinases in case of infection.
细胞定位	Nucleus. Upon infection by HSV-1, it is partially translocated into the cytoplasm in an HSV-1-dependent manner.

图片



Anti-CoREST antibody (ab90962) at 1 µg/ml
(in 5% skim milk / PBS buffer) + HT1080 cell
lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000
dilution

Predicted band size: 53 kDa

Gel concentration: 12%

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