

## 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
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 (EVLQEWAEH GKEETNGPSN QKPVKSPDNS IKMPEEEDDA PVL DVRYASA) of Human CoREST (NP_055971). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
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.

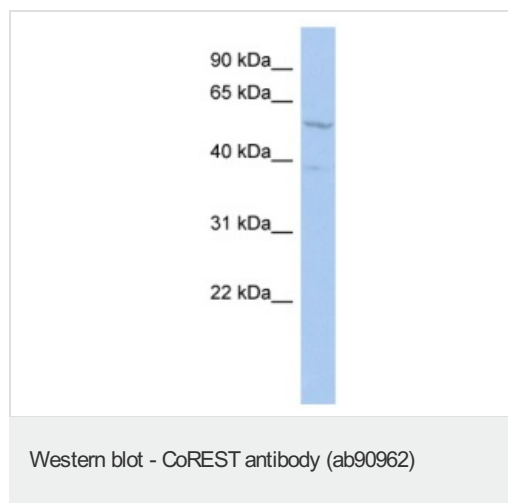
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
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

<b>功能</b>	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.
<b>组织特异性</b>	Ubiquitously expressed.
<b>序列相似性</b>	Belongs to the CoREST family. Contains 1 ELM2 domain. Contains 2 SANT domains.
<b>结构域</b>	The SANT domains may bridge the nucleosomal substrates and the demethylase KDM1A.
<b>翻译后修饰</b>	Phosphorylated by HSV-1 protein kinases in case of infection.
<b>细胞定位</b>	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

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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