abcam

Product datasheet

Anti-CoREST antibody ab56165

2 References 画像数 2

製品の概要

製品名	Anti-CoREST antibody
製品の詳細	Rabbit polyclonal to CoREST
由来種	Rabbit
アプリケーション	**適用あり:** ELISA, WB, IHC-P
種交差性	**交差種:** Human **交差が予測される動物種:** Mouse, Zebrafish
免疫原	A region within synthetic peptide: MVEKGPEVSG KRRGRNNAAA SASAAAASAA ASAACASPAA TAASGAAASS, corresponding to N terminal amino acids 1-50 of Human CoREST Run BLAST with ExPASy Run BLAST with NCBI
ポジティブ・コントロール	Jurkat cell lysate (Western blot). Human Lung (IHC-P).

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
精製度	Protein A purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab56165の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

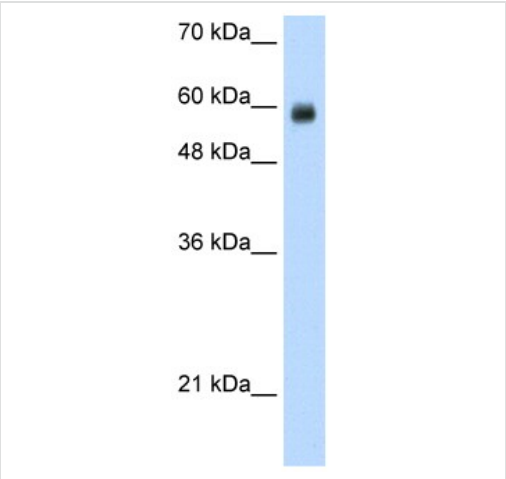
アプリケーション	Abreviews	特記事項

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent concentration. ELISA titre using peptide based assay: 1/62500.
WB		Use a concentration of 1.25 µg/ml. Detects a band of approximately 58 kDa (predicted molecular weight: 53 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
IHC-P		Use a concentration of 4 - 8 µg/ml.

ターゲット情報

機能	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.
組織特異性	Ubiquitously expressed.
配列類似性	Belongs to the CoREST family. Contains 1 ELM2 domain. Contains 2 SANT domains.
ドメイン	The SANT domains may bridge the nucleosomal substrates and the demethylase KDM1A.
翻訳後修飾	Phosphorylated by HSV-1 protein kinases in case of infection.
細胞内局在	Nucleus. Upon infection by HSV-1, it is partially translocated into the cytoplasm in an HSV-1-dependent manner.

画像



Western blot - Anti-CoREST antibody (ab56165)

Anti-CoREST antibody (ab56165) at 1.25 µg/ml + Jurkat cell lysate at 10 µg

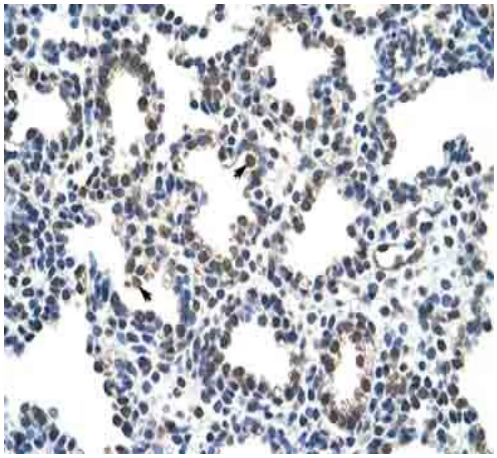
Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 53 kDa

Observed band size: 58 kDa

Gel concentration: 12%



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CoREST antibody (ab56165)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human lung tissue labelling CoREST with ab56165 at 4-8µg/ml. Arrows indicate positively labelled alveolar cells. Magnification: 400X.

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