

Product datasheet

Anti-HDAC10 antibody ab53096

★★★★★ 1 Abreviews 4 References 画像数 3

製品の概要

製品名	Anti-HDAC10 antibody
製品の詳細	Rabbit polyclonal to HDAC10
由来種	Rabbit
特異性	ab53096 detects endogenous levels of total HDAC10 protein.
アプリケーション	適用あり: ICC/IF, WB, IHC-P, ELISA, IHC-FoFr
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide within Human HDAC10 aa 8-53. The exact sequence is proprietary.
ポジティブ・コントロール	IHC-P: Human lung carcinoma tissue WB: Cos7 cell extract

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
精製度	Immunogen affinity purified
特記事項 (精製)	ab53096 was affinity purified from rabbit antiserum by affinity chromatography using epitope specific immunogen.
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

Our [Abpromise guarantee](#) covers the use of **ab53096** in the following tested applications.

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

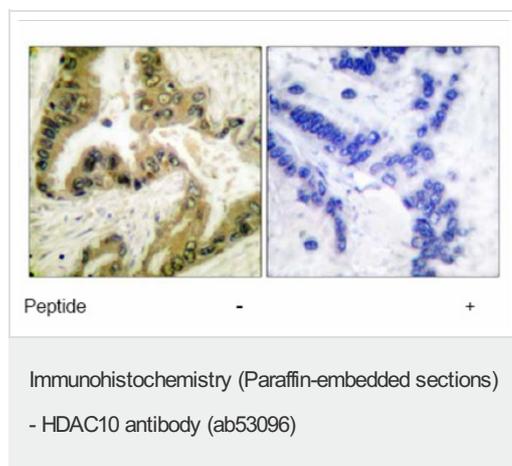
アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 1 µg/ml.

アプリケーション	Abreviews	特記事項
WB	★★★★★	1/300 - 1/1000. Detects a band of approximately 71 kDa (predicted molecular weight: 71 kDa).
IHC-P		Use at an assay dependent concentration.
ELISA		1/5000.
IHC-FoFr		Use at an assay dependent concentration. PubMed: 21526203

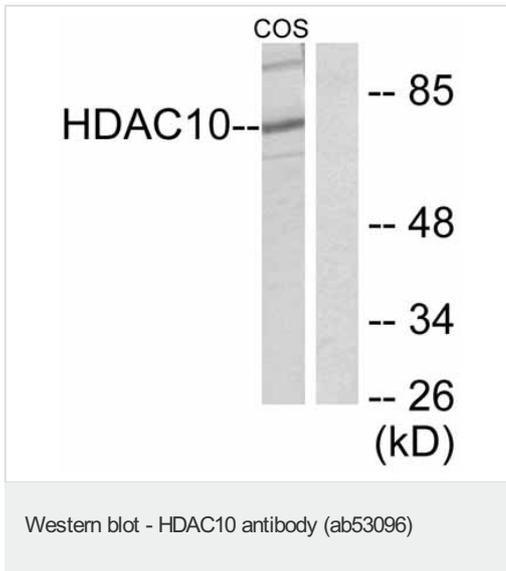
ターゲット情報

機能	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes.
組織特異性	Ubiquitous. High expression in liver, spleen, pancreas and kidney.
配列類似性	Belongs to the histone deacetylase family. HD type 2 subfamily.
細胞内局在	Cytoplasm. Nucleus. Excluded from the nucleoli.

画像



ab53096, at 1/50 dilution, staining HDAC10 in paraffin embedded human lung carcinoma tissue by Immunohistochemistry in the absence (left image) or presence (right image) of the immunising peptide.



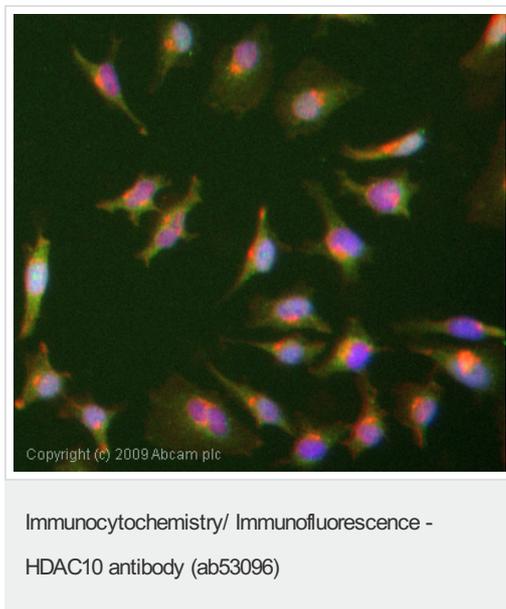
All lanes : Anti-HDAC10 antibody (ab53096)
at 1/300 dilution

Lane 1 : Cos7 cell extract

Lane 2 : Cos7 cell extract with peptide

Predicted band size: 71 kDa

Observed band size: 71 kDa



ICC/IF image of ab53096 stained HeLa cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab53096, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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