

## 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	<b>適用あり:</b> ICC/IF, WB, IHC-P, ELISA, IHC-FoFr
種交差性	<b>交差種:</b> Mouse, Rat, Human
免疫原	Synthetic peptide (Human)
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 <sup>2+</sup> and Ca <sup>2+</sup> ), 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.

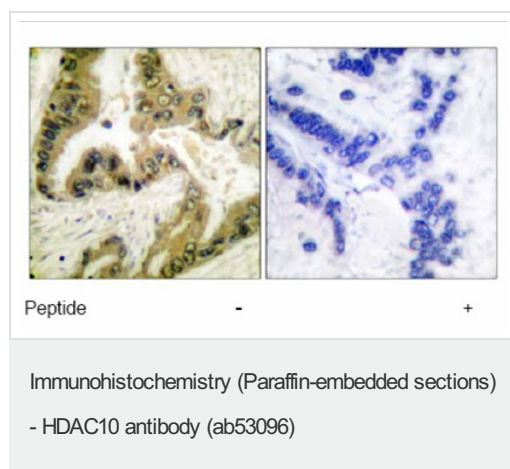
アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 1 µg/ml.

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

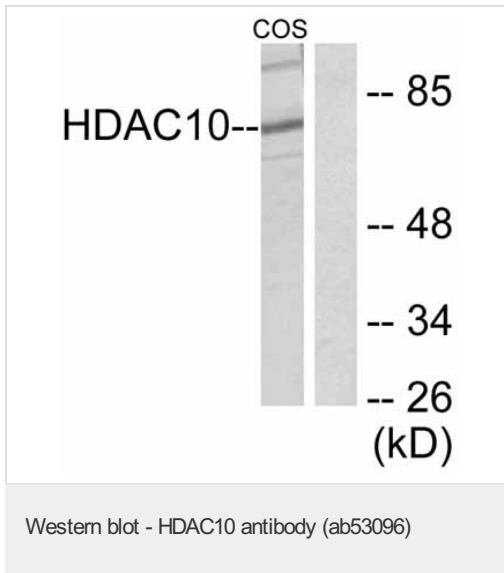
## ターゲット情報

<b>機能</b>	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.
<b>組織特異性</b>	Ubiquitous. High expression in liver, spleen, pancreas and kidney.
<b>配列類似性</b>	Belongs to the histone deacetylase family. HD type 2 subfamily.
<b>細胞内局在</b>	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.



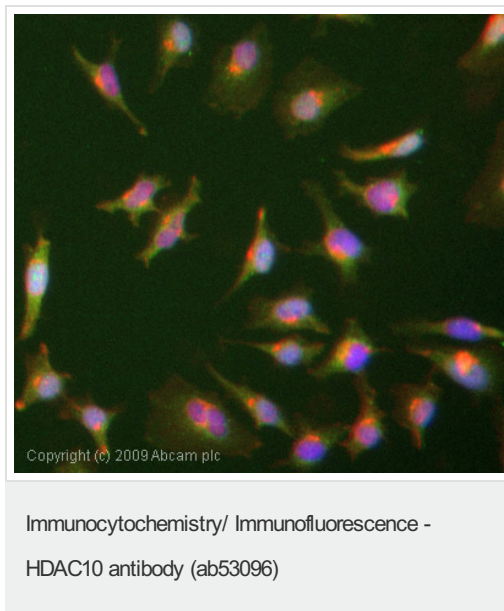
**All lanes :** Anti-HDAC10 antibody (ab53096)  
at 1/300 dilution

**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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