

## Product datasheet

# Anti-HDAC3 antibody ab61216

1 References [画像数 3](#)

### 製品の概要

製品名	Anti-HDAC3 antibody
製品の詳細	Rabbit polyclonal to HDAC3
由来種	Rabbit
特異性	Detects endogenous levels of total HDAC3 protein.
アプリケーション	<b>適用あり:</b> ELISA, ICC/IF, IHC-P, WB
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Rat
免疫原	Synthetic peptide derived from C-terminal of human HDAC3
ポジティブ・コントロール	COS7 cells, extracts from HepG2 cells, human breast carcinoma tissue

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
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
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 **ab61216** in the following tested applications.

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

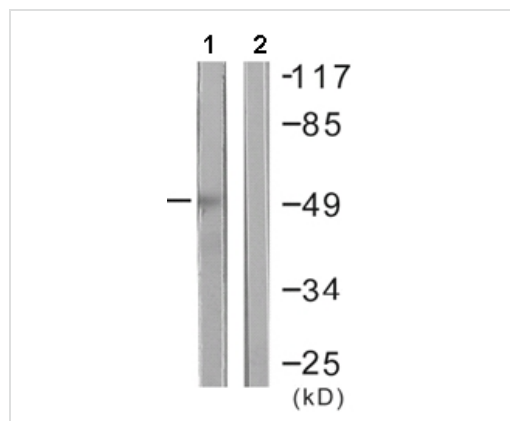
アプリケーション	Abreviews	特記事項
ELISA		1/5000.
ICC/IF		1/500 - 1/1000.

アプリケーション	Abreviews	特記事項
IHC-P		1/50 - 1/100.
WB		1/500 - 1/1000. Detects a band of approximately 49 kDa (predicted molecular weight: 49 kDa).

## 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. Probably participates in the regulation of transcription through its binding to the zinc-finger transcription factor YY1; increases YY1 repression activity. Required to repress transcription of the POU1F1 transcription factor. Acts as a molecular chaperone for shuttling phosphorylated NR2C1 to PML bodies for sumoylation.
組織特異性	Widely expressed.
配列類似性	Belongs to the histone deacetylase family. HD type 1 subfamily.
翻訳後修飾	Sumoylated in vitro.
細胞内局在	Nucleus.

## 画像



Western blot - Anti-HDAC3 antibody (ab61216)

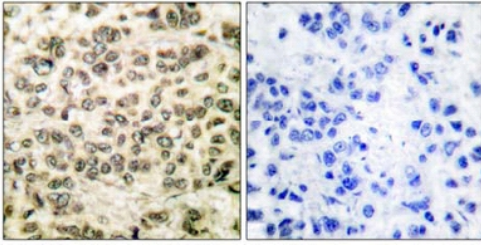
**All lanes :** Anti-HDAC3 antibody (ab61216)  
at 1/500 dilution

**Lane 1 :** extracts from HepG2 cells

**Lane 2 :** extracts from HepG2 cells with  
immunizing peptide

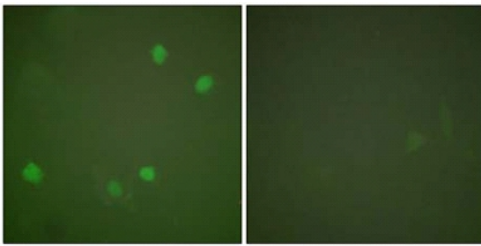
**Predicted band size:** 49 kDa

**Observed band size:** 49 kDa



Ab61216 at 1/50-1/100 dilution staining human breast carcinoma tissue without (left) and with (right) immunizing peptide; paraffin embedded.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HDAC3 antibody (ab61216)



Ab61216 at 1/500-1/1000 dilution staining COS7 cells without (left) and with (right) immunizing peptide.

Immunocytochemistry/ Immunofluorescence - Anti-HDAC3 antibody (ab61216)

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