


## Product datasheet

# Anti-HDAC3 antibody - ChIP Grade ab47237

4 References [画像数 2](#)

### 製品の概要

製品名	Anti-HDAC3 antibody - ChIP Grade
製品の詳細	Rabbit polyclonal to HDAC3 - ChIP Grade
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IP, ChIP, WB
種交差性	<b>交差種:</b> Human, Zebrafish <b>交差が予測される動物種:</b> Mouse, Rat, Chicken, Xenopus laevis 
免疫原	Synthetic peptide: AKTVAYFYDPDVGNFH , corresponding to N terminal amino acids 2-17 of Human HDAC3 <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
ポジティブ・コントロール	HeLa cell lysate.

### 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. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
精製度	Protein G 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 **ab47237** in the following tested applications.

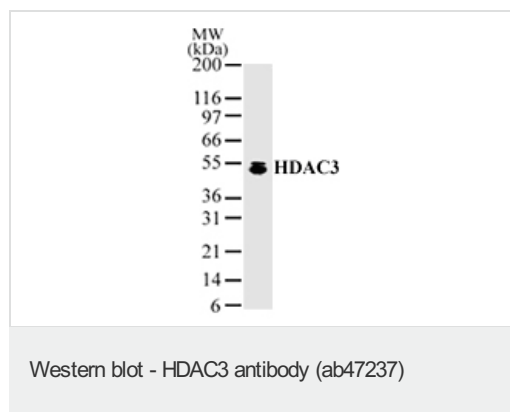
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
IP		Use at an assay dependent dilution.
ChIP		Use at an assay dependent dilution. Refer to Caretti et al (2003, Fig.3) and Imbriano (2005, Fig 7) for details.
WB		Use a concentration of 2 µg/ml. Detects a band of approximately 50 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.

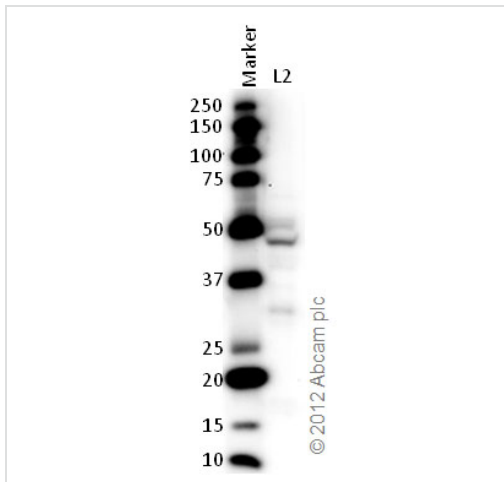
## 画像



Anti-HDAC3 antibody - ChIP Grade  
(ab47237) at 2 µg/ml + HeLa cell lysate

**Predicted band size:** 49 kDa

**Observed band size:** 49 kDa



Western blot - Anti-HDAC3 antibody - ChIP Grade (ab47237)

**All lanes :** Anti-HDAC3 antibody - ChIP Grade (ab47237) at 2 µg/ml

**Lane 1 :** Marker

**Lane 2 :** Zebrafish brain homogenate at 20 µg

**Secondary**

**All lanes :** Goat polyclonal to Rabbit IgG – H&L – Pre-Adsorbed (HRP) at 1/6000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 49 kDa

**Observed band size:** 48 kDa

**Exposure time:** 5 minutes

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

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