

## Product datasheet

# Anti-HDAC6 antibody ab82557

★★★★★ 1 Abreviews 1 References 画像数 2

### 製品の概要

製品名	Anti-HDAC6 antibody
製品の詳細	Rabbit polyclonal to HDAC6
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Rat, Human 交差が予測される動物種: Mouse
免疫原	Synthetic peptide conjugated to KLH derived from within residues 150 - 250 of Human HDAC6.Immunogen の所有権に関して(Peptide available as <a href="#">ab93301</a> .)
ポジティブ・コントロール	This antibody gave a positive signal in the following whole cell lysates: HeLa; HepG2; HEK293; HUVEC.

### 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 or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, 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 **ab82557** in the following tested applications.

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

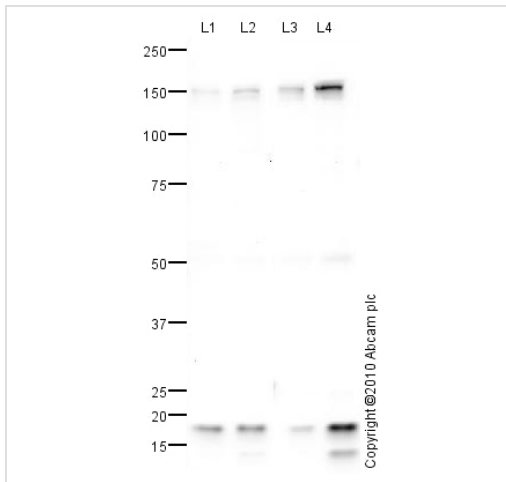
アプリケーション	Abreviews	特記事項
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アプリケーション	Abreviews	特記事項
WB	★★★★★	Use a concentration of 1 µg/ml. Detects a band of approximately 150 kDa (predicted molecular weight: 131 kDa).

## 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 (By similarity). Plays a central role in microtubule-dependent cell motility via deacetylation of tubulin.
<b>配列類似性</b>	Belongs to the histone deacetylase family. HD type 2 subfamily. Contains 1 UBP-type zinc finger.
<b>翻訳後修飾</b>	Ubiquitinated. Its polyubiquitination however does not lead to its degradation. Sumoylated in vitro.
<b>細胞内局在</b>	Nucleus. Cytoplasm. It is mainly cytoplasmic, where it is associated with microtubules.

## 画像



Western blot - Anti-HDAC6 antibody (ab82557)

**All lanes :** Anti-HDAC6 antibody (ab82557)  
at 1 µg/ml

**Lane 1 :** HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

**Lane 2 :** HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

**Lane 3 :** HEK293 (Human embryonic kidney cell line) Whole Cell Lysate

**Lane 4 :** HUVEC (Human Umbilical Vein Endothelial Cell) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

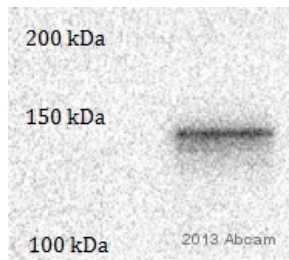
Performed under reducing conditions.

**Predicted band size:** 131 kDa

**Observed band size:** 150 kDa

**Additional bands at:** 18 kDa, 50 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 15 minutes



Western blot - Anti-HDAC6 antibody (ab82557)

Anti-HDAC6 antibody (ab82557) at 1 µg/ml +  
Rat primary neurons whole cell lysate at 20 µg

#### Secondary

Goat anti-rabbit IgG at 1/2000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 131 kDa

**Observed band size:** 140 kDa

**Exposure time:** 30 seconds

Blocked with 5% milk for 1 hour at 23°C;  
followed by incubation with ab82557 for 15  
hours in 5% BSA in TPBS 0.05% at 4°C.

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

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