

Anti-HDAC2 (phospho S394) antibody ab75602

★★★★★ [2 Abreviews](#) [7 References](#) [画像数 3](#)

製品の概要

製品名	Anti-HDAC2 (phospho S394) antibody
製品の詳細	Rabbit polyclonal to HDAC2 (phospho S394)
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB, IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide corresponding to Human HDAC2 (phospho S394). Run BLAST with ExPASy Run BLAST with NCBI
ポジティブ・コントロール	Extracts from HT-29 cells treated with UV (20min). Human breast carcinoma tissue.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 0.87% Sodium chloride, 50% Glycerol, PBS
	Without Mg ²⁺ and Ca ²⁺
精製度	Immunogen affinity purified
特記事項 (精製)	ab75602 was affinity-purified from rabbit antiserum by affinity chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
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

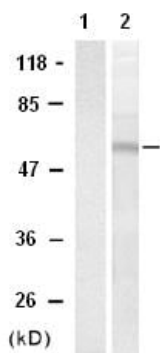
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab75602の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
ICC/IF		1/100 - 1/200.
WB	★★★★★ (1)	1/500 - 1/1000. Predicted molecular weight: 55 kDa.
IHC-P	★★★★★ (1)	1/50 - 1/100.

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. Forms transcriptional repressor complexes by associating with MAD, SIN3, YY1 and N-COR. Interacts in the late S-phase of DNA-replication with DNMT1 in the other transcriptional repressor complex composed of DNMT1, DMAP1, PCNA, CAF1. Deacetylates TSHZ3 and regulates its transcriptional repressor activity.
組織特異性	Widely expressed; lower levels in brain and lung.
配列類似性	Belongs to the histone deacetylase family. HD type 1 subfamily.
翻訳後修飾	S-nitrosylated by GAPDH. In neurons, S-Nitrosylation at Cys-262 and Cys-274 does not affect the enzyme activity but abolishes chromatin-binding, leading to increases acetylation of histones and activate genes that are associated with neuronal development. In embryonic cortical neurons, S-Nitrosylation regulates dendritic growth and branching.
細胞内局在	Nucleus.

画像



Western blot - Anti-HDAC2 (phospho S394) antibody (ab75602)

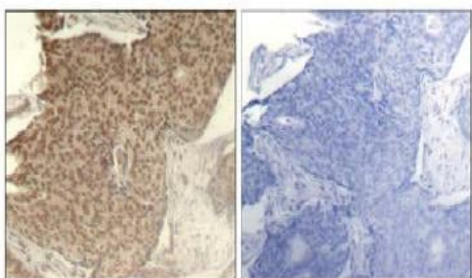
All lanes : Anti-HDAC2 (phospho S394) antibody (ab75602) at 1/500 dilution

Lane 1 : Extracts from HT-29 cells (untreated)

Lane 2 : Extracts from HT-29 cells treated with UV (20min)

Predicted band size: 55 kDa

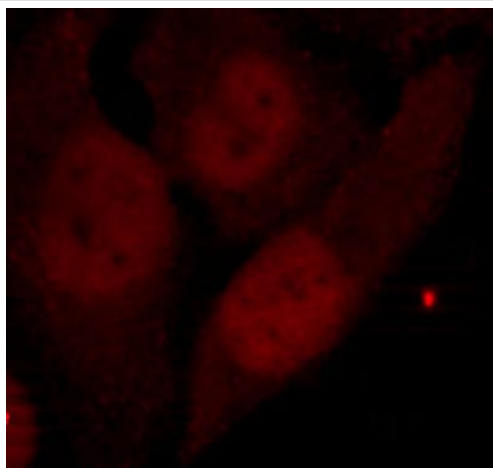
Observed band size: 55 kDa



P-Peptide - +

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HDAC2 (phospho S394) antibody (ab75602)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ab75602, at 1/50 dilution, in the absence (left panel) and presence (right panel) of the immunising phosphopeptide.



Immunocytochemistry/ Immunofluorescence - Anti-HDAC2 (phospho S394) antibody (ab75602)

ab75602 at 1/100 dilution, staining HDAC2 (phospho S394) in human Hela cells by ICC/IF.

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