

Product datasheet

HDAC8 peptide ab41710

概述

产品名称 HDAC8多肽

描述

性质 Synthetic

技术指标

Our [Abpromise guarantee](#) covers the use of **ab41710** in the following tested applications.

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

应用 Western blot

Blocking

形式 Liquid

制备和贮存

稳定性和存储 Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Preservative: 0.02% Sodium Azide

Constituents: 0.1% BSA, PBS, pH 7.2

常规信息

功能 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. May play a role in smooth muscle cell contractility.

组织特异性 Weakly expressed in most tissues. Expressed at higher level in heart, brain, kidney and pancreas and also in liver, lung, placenta, prostate and kidney.

序列相似性 Belongs to the histone deacetylase family. HD type 1 subfamily.

翻译后修饰 Phosphorylated by PKA on serine 39. Phosphorylation reduces deacetylase activity observed preferentially on histones H3 and H4.

细胞定位 Nucleus. Cytoplasm. Excluded from the nucleoli. Found in the cytoplasm of cells showing smooth

muscle differentiation.

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