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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HDAC1. Rabbit Antigen Immunoaffinity Purified Polyclonal

BACKGROUND

Acetylation of the tail of histone is known to cause chromatin to adopt a more 'open' 3D conformation, allowing trans factors greater access to DNA. Histone acetyltransferases (HATs), complexes interact with sequence-specific activator proteins and target specific genes. In addition to histones, HATs acetylate non-histone proteins, implicating them in a wide variety of regulatory roles for these enzymes. By comparison, histone deacetylation promotes a more 'closed' chromatin conformation and in general leads to repression of gene activity. Mammalian histone deacetylases are divided into three classes on the basis of their similarity to various the yeast deacetylases. Class I (HDACs 1, 2, 3 and 8) related to the yeast Rpd3-like proteins, class II (HDACs 4, 5, 6, 7, 9 and 10) related to yeast Hda1-like proteins and class III related to the yeast protein Sir2. Inhibitors of HDAC have enormous potential as cancer therapeutic agents.

ORDERING INFORMATION

CATALOG NUMBER
X1847P

SIZE

50 µg

FORM

Affinity Purified

HOST/CLONE

Rabbit

FORMULATION

Provided as ligand affinity purified antibody in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

Lot specific, see vial

ISOTYPE

N/A

APPLICATIONS

Western Blot

SPECIES REACTIVITY

Human

ACCESSION NUMBER

Human Q13547

IMMUNOGEN

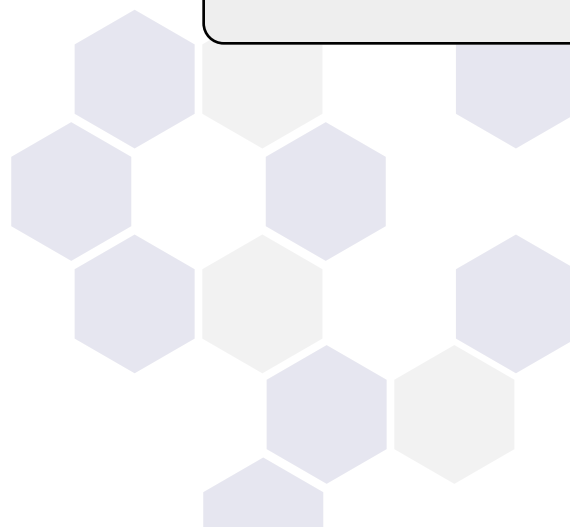
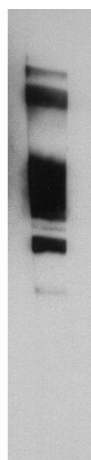
Synthetic peptide derived from the human histone deacetylase 1 protein.

Western blot using Exalphi's X1847P, affinity purified rabbit polyclonal at 0.5 µg/ml on HeLa cell extract (20 µg/lane). Blots were developed with goat anti-rabbit Ig (1:75k) and Pierce's Supersignal West Femto system.

98 kDa-

62 kDa-

49 kDa-



POSITIVE CONTROL/TISSUE EXPRESSION

Antibody tested on HeLa cell lysate

COMMENTS

Antibody can be used for Western blotting (1-5 μ g/ml). Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Antigen Immunoaffinity Purification

SHIP CONDITIONS

Ship on dry ice, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -70°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

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4. Viguishin, D.M. and Coombes, R.C. (2004) Curr. Cancer Drug Targets 4, 205-218.
5. J Virol. 2006 Dec 6; Mapping of key functions of the herpes simplex virus 1 US3 protein kinase: the US3 protein can form functional heteromultimeric structures derived from overlapping truncated polypeptides. Alice P W Poon, Bernard Roizman
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PRODUCT SPECIFIC REFERENCES