

Product Datasheet

HDAC3 Mouse mAb

Catalog No: AB3228

Reactivity: Human, Mouse, Rat

Isotype: Mouse IgG1

Applications: WB



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Information

UniProt ID: O15379

All Names: HD3; Histone deacetylase 3; RPD3-2; SMAP45; HDAC3;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

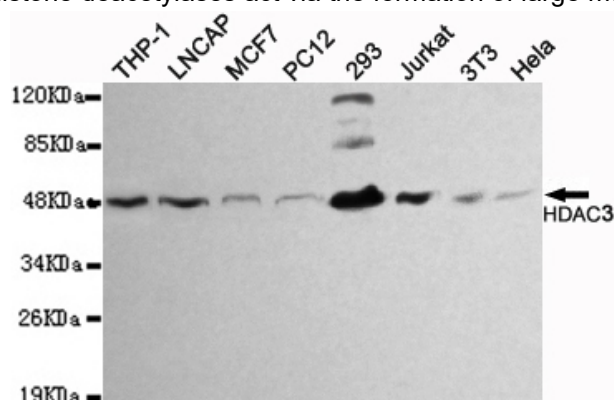
Molecular Wt.: 49KDa

Application

WB 1:1000

Background

Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4), and some other non-histone substrates. 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.



Western blot detection of HDAC3 in THP-1, LNCAP, MCF7, PC12, 293, Jurkat, 3T3 and HeLa cell lysates using HDAC3 mouse mAb (1:1000 diluted). Predicted band size: 49KDa. Observed band size: 49KDa.

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