

Anti-HDAC8 Polyclonal Antibody

CATALOG NO: 5618-30T 30 µg (Trial size)
5618-100 100 µg

CONCENTRATION: 0.5 mg/ml

IMMUNOGEN: *E. coli* expressed recombinant human HDAC8 (Cat. No. 7618-20)

INTERNAL ID: BV- K27G

HOST: Rabbit

SPECIES REACTIVITY: Human

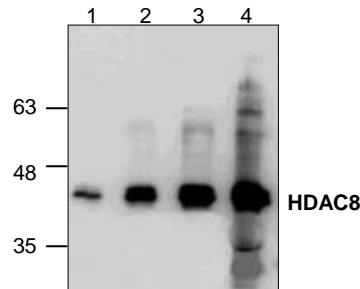
PURIFICATION: Affinity purified rabbit IgG

FORMULATION: Supplied in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal

STORAGE CONDITIONS: Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION: Human Histone Deacetylase 8 (HDAC8) is a member of the class I Histone Deacetylases. HDACs are important enzymes for the transcriptional regulation of gene expression in eukaryotic cells. HDACs catalyze the removal of acetyl groups from lysines near the N-termini of histones. Human HDACs have been implicated in a variety of human diseases such as cardiomyopathy, osteodystrophy, neurodegenerative disorders, aging and cancer. Expression of HDAC8 is restricted to cells showing smooth muscle differentiation in normal human tissue and is a novel marker of smooth muscle differentiation. Like other class I and II HDAC members, the activity of HDAC8 is sensitive to HDAC inhibitor Trichostatin A (TSA).

APPLICATION: Western blot: 0.5-4 µg/ml (**Note: This information is only intended as a guide. The optimal dilutions must be determined by the user**).



Western blot analysis using recombinant human HDAC8.

Lane 1: 30 ng
Lane 2: 60 ng
Lane 3: 120 ng
Lane 4: 250 ng

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