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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB12818 - Goat Anti-HDAC3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HDAC3, histone deacetylase 3, HD3, RPD3, RPD3-2, SMAP45

Official Symbol: HDAC3

Accession Number(s): NP_003874.2

Human GeneID(s): [8841](#)

Non-Human GeneID(s): 15183 (mouse), 84578 (rat)

Immunogen

Peptide with sequence C-NHAPSVQIHDVPAD , from the internal region of the protein sequence according to NP_003874.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 50kDa band observed in nuclear lysates of cell line Jurkat (calculated MW of 48.8kDa according to NP_003874.2). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB12818 (0.1 μ g/ml) staining of Jurkat nuclear lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.