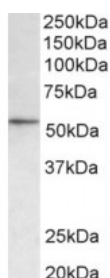


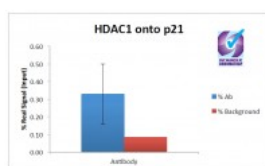


Hdac1 Antibody

CATALOG NUMBER: 43-003



Western Blot (0.3ug/ml) staining of NIH3T3 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



ChIP of 2ug antibody with MCF7 chromatin using the Chromatrap® spin column sonication kit (Protein G) measuring H3 enrichment onto the p21 locus.

Specifications

SPECIES REACTIVITY:	Human, Mouse
TESTED APPLICATIONS:	ChIP, ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:1000. Western Blot: Approx 55kDa band observed in lysates of cell line NIH3T3 (calculated MW of 55.1kDa according to Human NP_032254.1 and Mouse NP_032254.1). Recommended concentration: 0.3-1ug/ml. Chromatin Immunoprecipitation: A 4-fold increased presence of H3 onto the Human P21 locus observed when comparing the precipitations using EB11428 with non-specific goat IgG to bring down HDAC1 in a chromatin lysate from MCF7 cells.
POSITIVE CONTROL:	1) Cat. No. 1282 - 3T3 (NIH) Cell Lysate
PREDICTED MOLECULAR WEIGHT:	Approx 55 kDa
SPECIFICITY:	This antibody may cross-react to HDAC2
IMMUNOGEN:	Hdac1 antibody was raised against a 12 amino acid synthetic peptide near the internal region of Hdac1 (aa 385-396).
HOST SPECIES:	Goat

Properties

PURIFICATION:	Antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	Hdac1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	HDAC1, RPD3, RP23-209C6.7, OTTMUSP00000010171, MommeD5, MGC118085, MGC102534, histone deacetylase 1, Hdac1-ps, HD1, RPD3L1
ACCESSION NO.:	NP_032254.1
PROTEIN GI NO.:	6680193
OFFICIAL SYMBOL:	Hdac1
GENE ID:	3065

Background

FOR RESEARCH USE ONLY

December 13, 2016