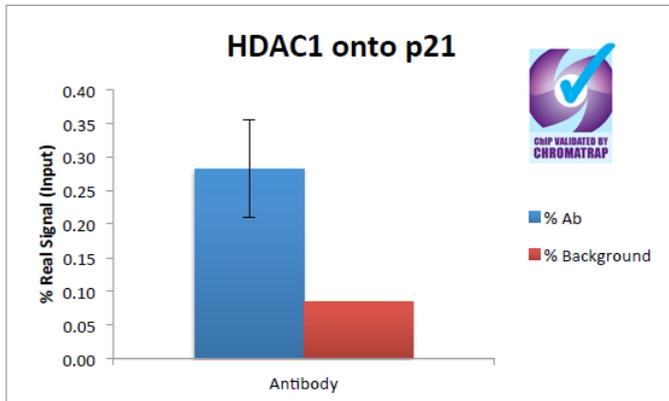




GOAT ANTI-HISTONE DEACETYLASE 1 ANTIBODY

SKU: EB07186



SPECIFICATIONS

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

Unit Size 100 µg

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

Synonym / Alias Names reduced potassium dependency, yeast homolog-like 1|RPD3L1|RPD3|HD1|GON-10|DKFZp686H12203|histone deacetylase 1|HDAC1

Usage Summary **Immunofluorescence:** Strong expression of the protein seen in the nucleus of NIH3T3 cells. Recommended concentration: 10µg/ml **Chromatin Immunoprecipitation:** A 3.5-fold increased presence of H3 onto the Human P21 locus observed when comparing the precipitations using EB07186 with non-specific goat IgG to bring down HDAC1 in a chromatin lysate from MCF7 cells.

Accession ID NP_004955.2

Blocking Peptide EBP07186

Immunogen Peptide with sequence C-KPEAKGVKKEEVK, from the C Terminus of the protein sequence according to NP_004955.2.

Peptide Sequence C-KPEAKGVKKEEVK

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

Shipping Instructions Refrigerated

Predicted Species Human, Mouse, Rat, Dog



Reactive Species	Human, Mouse
Human Gene ID	3065
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:4000.
Western Blot	Approx 55kDa band observed in Human Duodenum and Lymph Node lysates and approx 70kDa band observed in lysates of cell lines HeLa and NIH3T3 (calculated MW of 55.1kDa according to Human NP_004955.2 and Mouse NP_032254.1). The observed 70kDa band represents the sumoylated protein according to David et al, J Biol Chem. 2002 Jun 28;277(26):23658-63; PMID: 11960997. Recommended concentration: 0.1-2µg/ml.
Application Type	Pep-ELISA, WB, IF, ChIP

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

