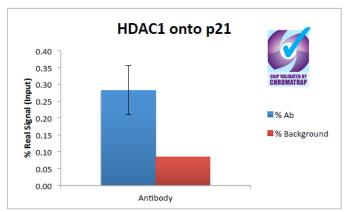


Telephone: (650) 697-3600

erest

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

Storage

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

Synonym /

Alias

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

Names

Immunofluorescence: Strong expression of the protein seen in the nucleus of NIH3T3 cells.

Usage **Summary**

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

EBP07186

Peptide

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

Peptide

Sequence

C-KPEAKGVKEEVK

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method

the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Species

Human, Mouse, Rat, Dog





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Reactive **Species**

Human, Mouse

Human

3065 **Gene ID**

Product

Grade

 $https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png$

ELISA

Detection

Western

Antibody detection limit dilution 1:4000.

Limit

Blot

Appox 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.

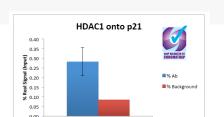
Type

Application Pep-ELISA, WB, IF, ChIP

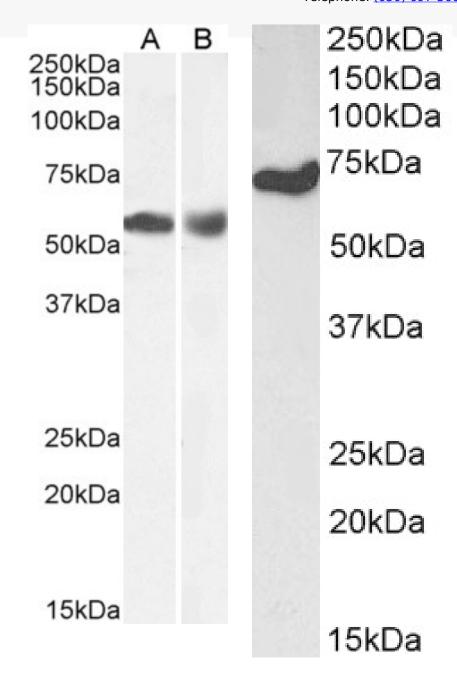
GALLERY IMAGES



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250kDa 150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa