

Goat Histone Deacetylase 1 Polyclonal Antibody | anti-HDAC1 antibody

Goat anti-Histone Deacetylase 1 Antibody

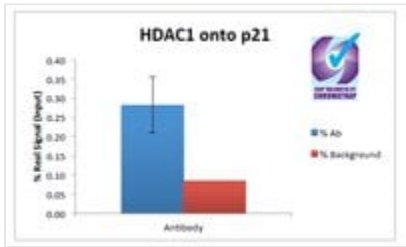
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61568	Goat	Tested: Human, Mouse; Expected from sequence similarity: Human, Mouse, Rat, Dog	Chromatin Immunoprecipitation, Immunoprecipitation, Western Blot, ELISA

PRODUCT SYNONYMS

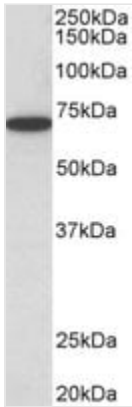
Histone Deacetylase 1; Polyclonal Antibody; Goat anti-Histone Deacetylase 1 Antibody; Goat Anti-Hdac1 (aa385-396) Antibody; HDAC1; histone deacetylase 1; DKFZp686H12203; GON-10; HD1; RPD3; RPD3L1; reduced potassium dependency; yeast homolog-like 1; HDAC1 antibody; histone deacetylase 1 antibody; DKFZp686H12203 antibody; GON-10 antibody; HD1 antibody; RPD3 antibody; RPD3L1 antibody; yeast homolog-like 1 antibody; anti-HDAC1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse; Expected from sequence similarity: Human, Mouse, Rat, Dog
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	KPEAKGVKKEE VK
Sequence Length	482
Applicable Applications for anti-HDAC1 antibody	ChIP (Chromatin immunoprecipitation), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-KPEAKGVKKEEVK, from the C Terminus of the protein sequence according to NP_004955.2.
Epitope	C Terminus
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



Application Data
ChIP of 2ug with 1ug MCF7 chromatin using the Chromatrap spin column sonication kit (Protein G) measuring H3 enrichment onto the p21 locus.



WB (Western Blot)
0.5ug/ml staining of HeLa lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13128860
NCBI GeneID	3065
NCBI Accession #	NP_004955.2
NCBI GenBank Nucleotide #	NM_004964.2
Molecular Weight	55,103 Da
NCBI Official Full Name	histone deacetylase 1
NCBI Official Synonym Full Names	histone deacetylase 1
NCBI Official Symbol	HDAC1
NCBI Official Synonym Symbols	HD1; RPD3; GON-10; RPD3L1
NCBI Protein Information	histone deacetylase 1
UniProt Protein Name	Histone deacetylase 1
UniProt Gene Name	HDAC1
UniProt Synonym Gene Names	RPD3L1; HD1
UniProt Entry Name	HDAC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.