

Goat anti-Hdac1 (aa385-396) Antibody

Item Number	dAP-2608
Target Molecule	Principle Name: Hdac1 (aa385-396); Official Symbol: Hdac1; All Names and Symbols: HDAC1; histone deacetylase 1; RP23-209C6.7; HD1; Hdac1-ps; MommeD5; RPD3; MGC102534; MGC118085; OTTMUSP00000010171; Accession Number (s): NP_032254.1; Human Gene ID(s): 3065; Non-Human GeneID(s): 433759 (mouse) 84576 (rat)
Immunogen	PEDAIPEESGDE, is from internal region This antibody may cross-react to HDAC2
Applications	Pep ELISA, WB, ChIP Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 1000.
Western Blot	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: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Miyatani T, Kurita N, Mikami C, Kashihara H, Higashijima J, Yoshikawa K, Nishioka M, Sato H, Iwata T, Shimada M. Malignant potential of Barrett's esophagus: special reference to HDAC-1 and MTA-1 expression. Hepatogastroenterology. 2011 Mar-Apr;58(106):472-6..PMID: 21661415->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**