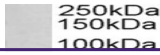



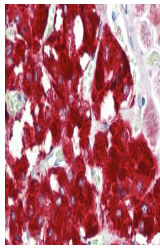

Product Datasheet

HDAC1 Antibody (orb1248743)

Description	HDAC1 Antibody	
Species/Host	Goat	
Reactivity	Human, Mouse	
Conjugation	Unconjugated	orb1248743 (0.5 ug/ml) staining of HeLa ...
Tested Applications	ChIP, ELISA, IF, WB	
Immunogen	The immunogen for this antibody is: C-KPEAKGVKEEVK	
Target	HDAC1	
Preservatives	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.	
Form/Appearance	Liquid	
Concentration	500 ug/mL	
Storage	Aliquot and store at -20°C. Minimize freezing and thawing.	ChIP of 2 ug orb1248743 with 1 ug MCF7 c...
Note	For research use only	
Application notes	Peptide ELISA: antibody detection limit dilution 1:4000. Western 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: 0.1-2ug/ml. Immunofluorescence: Strong expression of the protein seen in the nucleus of NIH3T3 cells. Recommended concentration: 10ug/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.	
Clonality	Polyclonal	orb1248743 (0.1 ug/ml) staining of Human...
MW	Appox 55 kDa	
Uniprot ID	Q13547	
NCBI	NP_004955.2	
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:4000. Western 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	