

Goat anti-HDAC3 Antibody

Item Number	dAP-3278
Target Molecule	Principle Name: HDAC3; Official Symbol: HDAC3; All Names and Symbols: HDAC3; histone deacetylase 3; HD3; RPD3; RPD3-2; SMAP45; Accession Number (s): NP_003874.2; Human Gene ID(s): 8841; Non-Human GeneID(s): 15183 (mouse) 84578 (rat)
Immunogen	NHAPSVQIHDVPAD , is from internal region
Applications	Pep ELISA, WB Species Tested: Human
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 128000.
Western Blot	Western Blot: Approx 50kDa band observed in nuclear lysates of cell line Jurkat (calculated MW of 48.8kDa according to NP_003874.2). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Liu C, Liu L, Shan J, Shen J, Xu Y, Zhang Q, Yang Z, Wu L, Xia F, Bie P, Cui Y, Zhang X, Bian X, Qian C. Histone deacetylase 3 participates in self-renewal of liver cancer stem cells through histone modification. <i>Cancer letters</i> 2013 Oct 339 (1): 60-9.. PMID: 23879963->

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 end users! This product is sold for **Research Use Only**