

Catalog Number	A19626
Synonyms	HD2; RPD3; YAF1; KDAC2; HDAC2
Reactivity	Human,Mouse,Rat
Tested applications	ELISA,WB,IP
Host species	Rabbit
Background	This gene product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes, and are responsible for the deacetylation of lysine residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). This protein forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. Alternative splicing results in multiple transcript variants.
Gene Id	3066
Isotype	IgG
Purity	Affinity purification
Swiss Prot	Q92769
Recommended dilution	WB,1:500 - 1:1000 IP,0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
CALCULATED MW	55kDa
OBSERVED MW	60kDa
IMMUNOGEN	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HDAC2 (NP_001518.3).
POSITIVE SAMPLES	HeLa,293T,NIH/3T3,C6,Mouse liver
CELLULAR LOCALIZATION	Cytoplasm,Nucleus,
STORAGE BUFFER	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

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