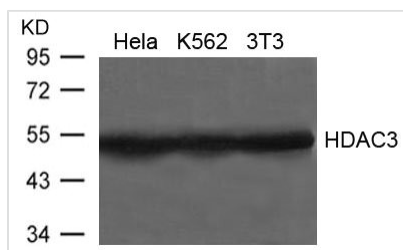




HDAC3 Antibody

Product Code	CSB-PA916163
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O15379
Immunogen	Peptide sequence around aa.420~424(N-D-K-E-S) derived from Human HDAC3.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total HDAC3 protein.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. Probably participates in the regulation of transcription through its binding to the zinc-finger transcription factor YY1; increases YY1 repression activity. Required to repress transcription of the POU1F1 transcription factor. Acts as a molecular chaperone for shuttling phosphorylated NR2C1 to PML bodies for sumoylation Wei L.-N., Hu X., Chandra D., Seto E., Farooqui M.J. Biol.Chem. 275:40782-40787(2000) Li H., Leo C., Zhu J., Wu X., O'Neil J., Park E.-J., Chen J.D.Mol. Cell. Biol. 20:1784-1796(2000)
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	HD3; RPD3; RPD3-2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	HDAC3
Image	



Western blot analysis of extracts from HeLa, K562 and 3T3 cells using HDAC3 Antibody.