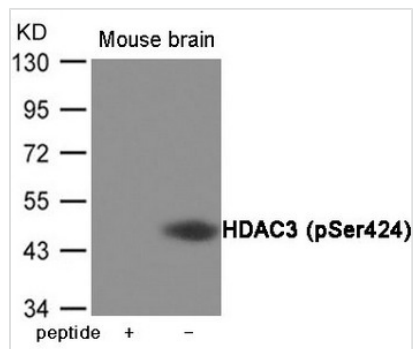




Phospho-HDAC3 (Ser424) Antibody

Product Code	CSB-PA170084
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O15379
Immunogen	Peptide sequence around phosphorylation site of Serine 424(K-E-S(p)-D-V) derived from Human HDAC3
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of HDAC3 only when phosphorylated at Serine 424.
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), and some other non-histone substrates. 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.
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 phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
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 Mouse brain tissue using HDAC3 (Phospho-Ser424) Antibody. The lane on the left is treated with the antigen-specific peptide.

Product Modify

Phospho-Ser424