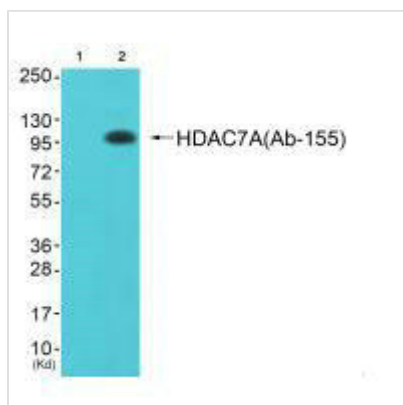




HDAC7 (Ab-155) Antibody

Product Code	CSB-PA898000
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q8WUI4
Immunogen	Synthesized non-phosphopeptide derived from Human HDAC7A around the phosphorylation site of serine 155 (T-V-S(p)-E-P).
Raised In	Rabbit
Species Reactivity	Human, Mouse
Specificity	The antibody detects endogenous levels of total HDAC7A protein.
Tested Applications	ELISA, WB; WB: 1:500-1:3000
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. Involved in muscle maturation by repressing transcription of myocyte enhancer factors such as MEF2A, MEF2B and MEF2C. During muscle differentiation, it shuttles into the cytoplasm, allowing the expression of myocyte enhancer factors By similarity. May be involved in Epstein-Barr virus (EBV) latency, possibly by repressing the viral BZLF1 gene. Walsh M.J., Submitted (FEB-2000). Zelent A., Submitted (MAY-2003). Sugano S., Nat. Genet. 36:40-45(2004).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	HD7a; HDA7; HDAC7A; Histone;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	HDAC7
Image	



Western blot analysis of extracts from JK cells (Lane 2), using HDAC7A (Ab-155) antibody. The lane on the left is treated with synthesized peptide.