antibodies -online.com







anti-HDAC7 antibody (pSer155)



Image



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Quantity:	100 μL
Target:	HDAC7
Binding Specificity:	pSer155
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

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Immunogen:	Peptide sequence around phosphorylation site of Serine 155(T-V-S(p)-E-P) derived from Human HDAC7A.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	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 chromatogramphy usi

Target Details

Target:	HDAC7
Alternative Name:	HDAC7 (HDAC7 Products)

Target Details

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Background:	Background:	
	Histones play a critical role in transcriptional regulation, cell cycle progression, and	
	developmental events. Histone acetylation/deacetylation alters chromosome structure and	
	affects transcription factor access to DNA. The protein encoded by this gene has sequence	
	homology to members of the histone deacetylase family. This gene is orthologous to mouse	
	HDAC7 gene whose protein promotes repression mediated via the transcriptional corepressor	
	SMRT. Alternatively spliced transcript variants encoding different isoforms have been found for	
	this gene.	
	Walsh M.J., Submitted (FEB-2000).	
	Zelent A., Submitted (MAY-2003).	
	Sugano S., Nat. Genet. 36:40-45(2004)	
	Aliases: DKFZP586J0917 antibody, FLJ99588 antibody, HD 7a antibody, HD7 antibody, HD7a	
	antibody, HDAC 7 antibody, HDAC 7A antibody, Hdac7 antibody, HDAC7_HUMAN antibody,	
	HDAC7A antibody, Histone deacetylase 7 antibody, Histone deacetylase 7A antibody,	
	OTTHUMP00000202813 antibody, OTTHUMP00000202814 antibody	
UniProt:	Q8WUI4	
Pathways:	Regulation of Muscle Cell Differentiation, Cell-Cell Junction Organization, Skeletal Muscle Fiber	
	Development	
Application Details		
Application Notes:	WB:1:500-1:1000,	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl,	
	0.02 % sodium azide and 50 % glycerol.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
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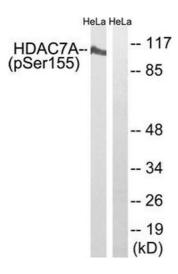
-20 °C,-80 °C

Storage:

Storage Comment:

Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western blot analysis of extracts from HeLa cells using HDAC7A (Phospho-Ser155) Antibody. The lane on the right is treated with the antigen-specific peptide.