

Product datasheet for **TA336889**

HDAC7A Rabbit Polyclonal Antibody

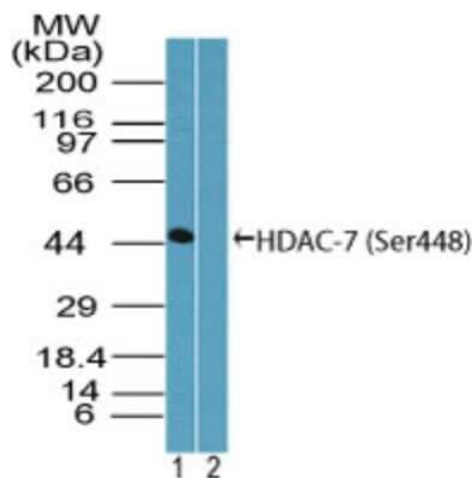
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 0.1-0.5 ug/ml
Reactivity:	Human, Rat, Bovine, Canine, Equine, Primate
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Within the range of amino acids 443-460 of human HDAC-7 protein were used as the immunogen ('b' represents a phosphorylated serine at position 448).
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Peptide affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Database Link:	Entrez Gene 84582 Rat
Background:	Histone deacetylase 7 is a thymus-specific, intracellular transcription factor belonging to the class IIa histone deacetylase family. Reports suggest that dephosphorylation and nuclear localization of HDAC-7 is promoted by Myosin phosphatase, thus regulating the repression of Nur77 and inhibition of apoptosis in CD4+CD8+ double-positive thymocytes. HDAC-7 plays a specific role in maintaining vascular integrity by repressing the expression of matrix metalloproteinase (MMP) 10. It promotes repression mediated by transcriptional corepressor NCOR2 and is an efficient corepressor of the androgen receptor (AR). It is also responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4).
Synonyms:	DKFZP586J0917; HDAC7
Protein Families:	Druggable Genome, Transcription Factors



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Product images:



Western Blot: HDAC7 [p Ser448] Antibody TA336889 - Analysis of phosphorylated HDAC-7 in (A) recombinant fusion protein containing Ser448 and (B) fusion protein without the phosphorylated amino acid, using this antibody at 1 ug/ml.