

Product datasheet for **TA809654BM**

HDAC8 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI5F7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5F7
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-243 of human HDAC8 (NP_060956) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	HRP
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	41.6 kDa
Gene Name:	histone deacetylase 8
Database Link:	NP_060956 Entrez Gene 70315 Mouse Entrez Gene 363481 Rat Entrez Gene 55869 Human Q9BY41



[View online »](#)

Background:

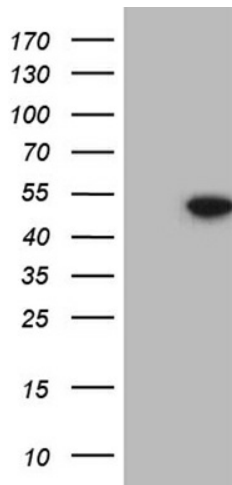
Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class I of the histone deacetylase family. It catalyzes the deacetylation of lysine residues in the histone N-terminal tails and represses transcription in large multiprotein complexes with transcriptional co-repressors. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]

Synonyms:

CDA07; CDLS5; HD8; HDACL1; MRXS6; RPD3; WTS

Protein Families:

Druggable Genome, Transcription Factors

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HDAC8 ([RC208390], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HDAC8 (1:2000). Positive lysates [LY413013] (100ug) and [LC413013] (20ug) can be purchased separately from OriGene.