

Product datasheet for **TA384404S**

HDAC8 Rabbit Monoclonal Antibody [Clone ID: R03-4G9]

Product data:

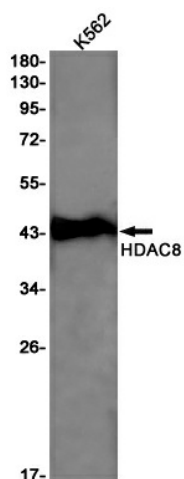
Product Type:	Primary Antibodies
Clone Name:	R03-4G9
Applications:	IP, WB
Recommended Dilution:	WB: 1/2000-1/10000 IP: 1/20
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human HDAC8
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 42 kDa; Observed MW: 42 kDa
Gene Name:	histone deacetylase 8
Database Link:	Entrez Gene 55869 Human Q9BY41
Background:	Swiss-Prot Acc.Q9BY41.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. Also involved in the deacetylation of cohesin complex protein SMC3 regulating release of cohesin complexes from chromatin. May play a role in smooth muscle cell contractility.



[View online »](#)

Synonyms: CDA07; HD8; HDACL1; RPD3

Product images:



Western blot analysis of HDAC8 in K562 lysates using HDAC8 antibody.