

Product datasheet for TA346962

HDAC3 Mouse Monoclonal Antibody [Clone ID: 3G3-H6-H10]

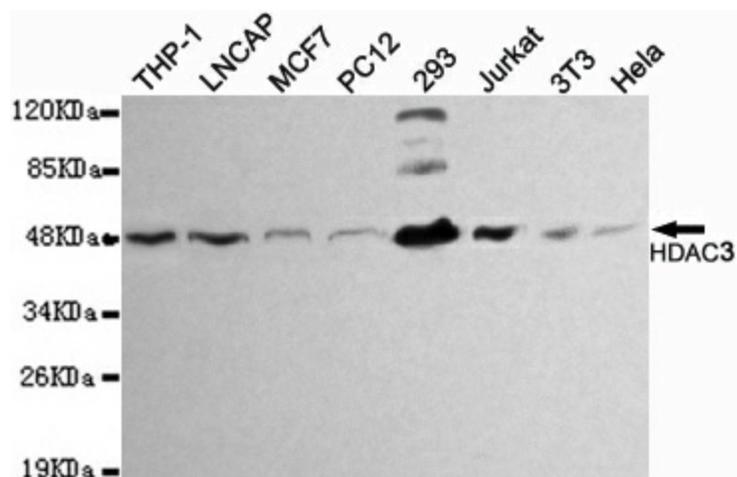
Product data:

Product Type:	Primary Antibodies
Clone Name:	3G3-H6-H10
Applications:	WB
Recommend Dilution:	WB: 1:1000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for HDAC3 antibody: purified recombinant human HDAC3 protein fragments expressed in E.coli.
Formulation:	ascites
Predicted Protein Size:	49 kDa
Gene Name:	histone deacetylase 3
Database Link:	NP_003874 Entrez Gene 15183 MouseEntrez Gene 84578 RatEntrez Gene 8841 Human
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 the histone deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. It may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. This protein can also down-regulate p53 function and thus modulate cell growth and apoptosis. This gene is regarded as a potential tumor suppressor gene.
Synonyms:	HD3; RPD3; RPD3-2
Protein Families:	Druggable Genome, Transcription Factors



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Product images:



Western blot detection of HDAC3 in THP-1, LNCAP, MCF7, PC12, 293, Jurkat, 3T3 and HeLa cell lysates using HDAC3 mouse mAb (1:1000 diluted). Predicted band size: 49KDa. Observed band size: 49KDa.