

Product datasheet for **TA347765**

HDAC3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HDAC3 Antibody: A synthesized peptide derived from human HDAC3
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50 kDa
Gene Name:	histone deacetylase 3
Database Link:	NP_003874 Entrez Gene 15183 Mouse Entrez Gene 84578 Rat Entrez Gene 8841 Human O15379



[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 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:

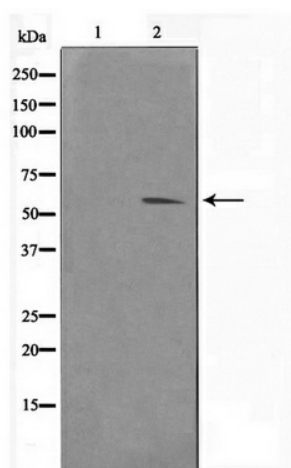
HD3; RPD3; RPD3-2

Note:

HDAC3 Antibody detects endogenous levels of HDAC3

Protein Families:

Druggable Genome, Transcription Factors

Product images:

Western blot analysis on NIH-3T3 cell lysate using HDAC3 Antibody