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Product datasheet for TA321608

HDAC3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Raji cells
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 414-428 amino acids of Human histone deacetylase 3
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	49 kDa
Gene Name:	histone deacetylase 3
Database Link:	NP_003874 Entrez Gene 84578 RatEntrez Gene 8841 Human O15379

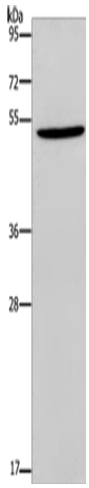
View online »

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

Protein Families: Druggable Genome, Transcription Factors

Product images:



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: Raji cells
Primary antibody: TA321608 (HDAC3 Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 3 minutes