antibodies .- online.com







anti-HDAC3 antibody (AA 224-428)

Images

Publications



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Quantity:	100 μL	
Target:	HDAC3	
Binding Specificity:	AA 224-428	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This HDAC3 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)	

Product Details

Immunogen:	Purified recombinant fragment of human HDAC3 (aa224-428) expressed in E. coli.		
Clone:	7G6C5		
Isotype:	lgG2a		
Purification:	purified		

Target Details

Target:	HDAC3	
Alternative Name:	HDAC3 (HDAC3 Products)	
Background:	Description: HDAC3: histone deacetylase 3, also known as HD3, RPD3, RPD3-2. Entrez Protein	
	NC_000005. 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 downregulate p53 function and thus modulate cell growth and apoptosis. This gene is regarded as a potential tumor suppressor gene.

Aliases: HD3, RPD3, RPD3-2

Molecular Weight: 48.8 kDa

Gene ID: 8841

HGNC: 8841

Neurotrophin Signaling Pathway, Regulation of Lipid Metabolism by PPARalpha, Regulation of Pathways:

Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid Buffer: Ascitic fluid containing 0.03 % sodium azide. Sodium azide Preservative:

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

should be handled by trained staff only.

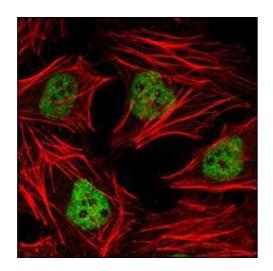
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

Publications

Product cited in:

Jacques, Pereira, Maia, Cuzzi, Ramos-e-Silva: "Expression of cytokeratins 10, 13, 14 and 19 in oral lichen planus." in: Journal of oral science, Vol. 51, Issue 3, pp. 355-65, (2009) (PubMed).



kDa 1 2 3 4 200 140 100 80 60 50 40 30

Immunofluorescence

Image 1. Confocal immunofluorescence analysis of Hela cells using HDAC3 mouse mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin.

Western Blotting

Image 2. Western blot analysis using HDAC3 mouse mAb against Hela (1), NIH/3T3 (2), C6 (3) and COS (4) cell lysate.