

HDAC3 antibody

Product Information

Catalog No.:	FNab03798
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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.

Immunogen information

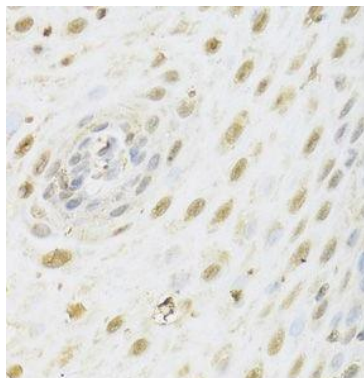
Immunogen:	histone deacetylase 3
Synonyms:	Histone deacetylase 3 (HD3) Protein deacetylase HDAC3 Protein deacylase HDAC3 RPD3-2 SMAP45 HDAC3
Observed MW:	47 kDa
Uniprot ID :	O15379

Application

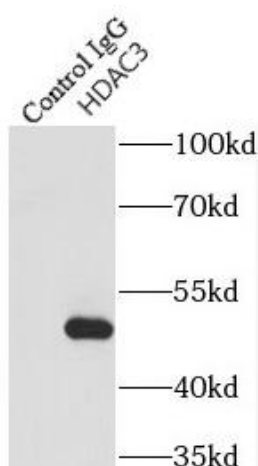
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IHC, IP, WB, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:100; IF: 1:50 - 1:200; IP: 1:50 - 1:200; ChIP: 1:20 - 1:100

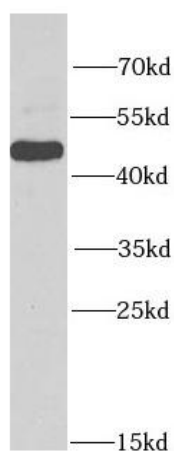
Image:



Immunohistochemistry of paraffin-embedded human esophagus using FNab03798(HDAC3 antibody) at dilution of 1:100



IP Result of anti-HDAC3 (IP:FNab03798, 3ug; Detection:FNab03798 1:300) with A431 cells lysate 1200ug.



HL-60 cells were subjected to SDS PAGE followed by western blot with FNab03798(HDAC3 Antibody) at dilution of 1:1000