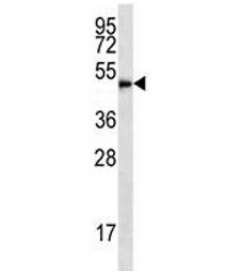
HDAC3 Antibody (F42873)

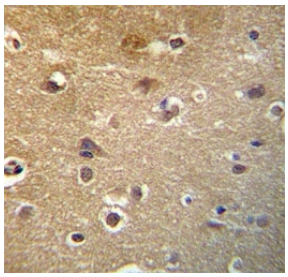
Catalog No.	Formulation	Size
F42873-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F42873-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	O15379
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This HDAC3 antibody is available for research use only.



HDAC3 antibody western blot analysis in HL-60 lysate. Predicted molecular weight ~49kDa.



HDAC3 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue.

Description

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. [provided by RefSeq].

Application Notes

Titration of the HDAC3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 383-412 from the human protein was used as the immunogen for this HDAC3 antibody.

Storage

Aliquot the HDAC3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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