HDAC3 Polyclonal Antibody

Catalog No. E-AB-60632

Note: Centrifuge before opening to ensure complete recovery of vial contents.

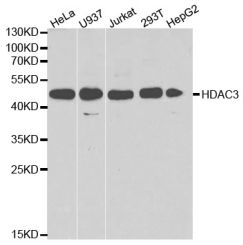
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein of human HDAC3
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

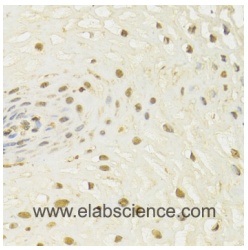
Applications — Recommended Dilution

WB 1:500 - 1:2000
IHC 1:50 - 1:100 IF 1:50 - 1:200 IP 1:50 - 1:200

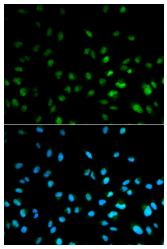
Data



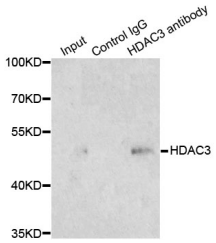
Western blot analysis of extracts of various cell lines with HDAC3 Polyclonal Antibody
Observed Mw:47kDa
Calculated Mw:48kDa/49kDa



Immunohistochemistry of paraffin-embedded human esophageal cancer with HDAC3 Polyclonal Antibody



Immunofluorescence analysis of MCF-7 cells with HDAC3 Polyclonal Antibody



Immunoprecipitation analysis of 200ug extracts of 293T cells with HDAC3 Polyclonal Antibody

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

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.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com