

HDAC8 Polyclonal Antibody

Catalog No. E-AB-61138

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

Description

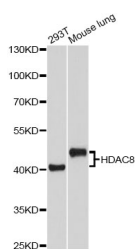
Reactivity	Human, Mouse, Rat
Immunogen	Recombinant protein of human HDAC8
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications Recommended Dilution

WB 1:500 - 1:2000

IHC 1:50 - 1:200

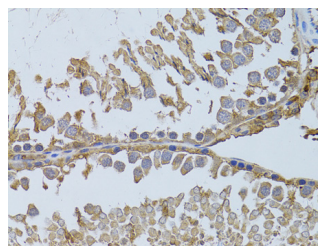
Data



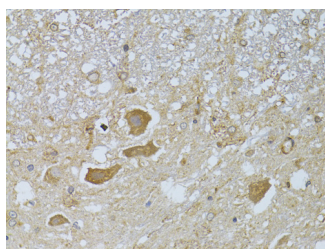
Western blot analysis of extracts of various cell lines with HDAC8 Polyclonal Antibody

Observed Mw: 42kDa

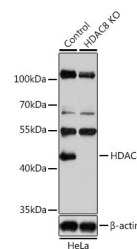
Calculated Mw: 15kDa/16kDa/17kDa/28kDa/29kDa/31kDa/41kDa



Immunohistochemistry of paraffin-embedded rat testis with HDAC8 Polyclonal Antibody



Immunohistochemistry of paraffin-embedded rat spinal cord with HDAC8 Polyclonal Antibody



Western blot analysis of extracts from normal (control) and HDAC8 knockout (KO) HeLa cells, using HDAC8 Polyclonal Antibody at dilution of 1:1000.

Preparation & Storage

For Research Use Only

Storage Store at -20°C. Avoid 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 class I of the histone deacetylase family. It catalyzes the deacetylation of lysine residues in the histone N-terminal tails and represses transcription in large multiprotein complexes with transcriptional co-repressors. Multiple transcript variants encoding different isoforms have been found for this gene.