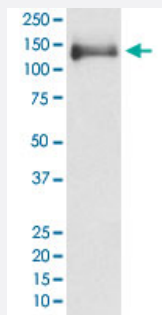


HDAC4 monoclonal antibody, clone HGI-8

Catalog # MAB20126 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with HDAC4 monoclonal antibody, clone HGI-8 (Cat # MAB20126).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human HDAC4.

Immunogen A synthetic peptide corresponding to human HDAC4.

Host Rabbit

Theoretical MW (kDa) 119.04

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage
Immunocytochemistry (1:50-1:200)
Immunofluorescence (1:50-1:200)
Western Blot (1:1000-1:2000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with HDAC4 monoclonal antibody, clone HGI-8 (Cat # MAB20126).

- Immunocytochemistry

- Immunofluorescence

Gene Info — HDAC4

Entrez GeneID[9759](#)**Protein Accession#**[P56524](#)**Gene Name**

HDAC4

Gene Alias

HA6116, HD4, HDAC-A, HDACA, KIAA0288

Gene Description

histone deacetylase 4

Omim ID[605314](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 II of the histone deacetylase/acuc/apha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. This protein does not bind DNA directly, but through transcription factors MEF2C and MEF2D. It seems to interact in a multiprotein complex with RbAp48 and HDAC3. [provided by RefSeq]

Other Designations

histone deacetylase A

Disease

- [Cardiovascular Diseases](#)
- [Carotid Stenosis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Craniofacial Abnormalities](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Mouth Abnormalities](#)
- [Schizophrenia](#)