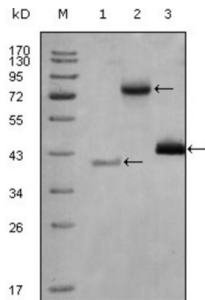
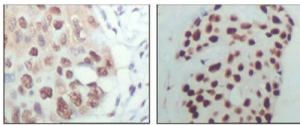


Histone Deacetylase 3 (HDAC3) Antibody

Catalogue No.: abx015752



Western blot analysis using HDAC3 antibody against truncated Trx-HDAC3 recombinant protein (1), full length HDAC3-hlgGfc (aa1-428) transfected CHO-K1 cell lysate (2) and Hela cell lysate (3).



Immunohistochemical analysis of paraffin-embedded human esophagus cancer (left) and breast carcinoma tissue (right), showing nuclear localization with DAB staining using HDAC3 antibody.

HDAC3: histone deacetylase 3, also known as HD3, RPD3, RPD3-2. Entrez Protein NC_000005. 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.

Target: Histone Deacetylase 3 (HDAC3)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, IHC

Host: Mouse

Recommended dilutions: ELISA: 1/10000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of HDAC3 (aa224-428) expressed in E. coli.

Datasheet

Version: 2.0.0
Revision date: 22 Nov 2024



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|----------------------------|--|
| Isotype: | IgG ₁ |
| Form: | Liquid |
| Purification: | Unpurified ascites. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | O15379 (UniProt , ExPASy) |
| Gene Symbol: | HDAC3 |
| GeneID: | 8841 |
| OMIM: | 605166 |
| HGNC: | 4854 |
| Ensembl: | ENSG00000171720 |
| Molecular Weight: | 48.8 kDa |
| Buffer: | Ascitic fluid containing 0.03% sodium azide. |
| Concentration: | Not determined. |
| Note: | This product is for research use only. |

For Reference Only