

HDAC4 Rabbit Monoclonal Antibody

Catalog #: EAB21800

| Host/Isotype | Clonality | Applications | MW (kDa) | Reactivity |
|--------------|------------|--------------|----------|------------|
| Rabbit IgG | Monoclonal | WB, IF/ICC | 119 | Human |

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
|------------------------------------------------|------------|
| WB(Western Blotting) | 1:500-2000 |
| IF/ICC(Immunofluorescence/Immunocytochemistry) | 1:100-500 |

Product Information

| | |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Conjugate | Unconjugate |
| Specificity | HDAC4 Rabbit Monoclonal Antibody detects endogenous levels of HDAC4 protein. |
| Purification | Affinity purification |
| Concentration | 1mg/ml |
| Format | Liquid |
| Formulation | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol |
| Shipping | Gel Pack |
| Storage | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| UniProt ID | P56524 |
| Entrez-Gene ID | 9759 |

Product 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 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.

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