

HDAC4 Monoclonal Antibody

Description

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|--------------------------------|--|
| Product type | Primary Antibody |
| Code | BT-MCA0670 |
| Host | Mouse |
| Isotype | IgG |
| Size | 50ul, 100ul |
| Immunogen | Purified recombinant human HDAC4 (N-terminus) protein fragments expressed in E.coli. |
| Mol wt | N/A |
| Species reactivity | Human,Mouse,Rat |
| Clonality | Monoclonal |
| Recommended application | WB |
| Concentration | 1 mg/ml |
| Full name | Histone deacetylase 4 |
| Synonyms | HDAC4; KIAA0288; Histone deacetylase 4; HD4 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

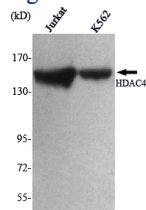
Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/apha 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.

Recommended Dilution

WB: 1:1000 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using HDAC4 Monoclonal antibody against Jurkat, K562 cell lysate.

Storage

-20°C for one year