

Allgemeine Informationen

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|---|---|---|
| Katalog-Nr.: 67151-1-Ig | GenBank-Zugangsnummer: BC000614 | Reinigungsmethode: Protein-A-Reinigung |
| Größe: 150ul, Konzentration: 2000 µg/ml von 8841 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard; | GeneID (NCBI): Vollständiger Name: histone deacetylase 3 | CloneNo.: 3E8F10 |
| Wirt: Maus | Berechnete Masse: 49 kDa | Empfohlene Verdünnungen: WB 1:1000-1:6000 |
| Isotyp: IgG2b | Beobachtete Masse: 49 kDa | |
| Immunogen Katalognummer: AG28464 | | |

Anwendungen

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|---|---|
| Geprüfte Anwendungen: WB, ELISA | Positivkontrollen: WB: HeLa-Zellen, HEK-293-Zellen, Jurkat-Zellen |
| In Publikationen genannte Anwendungen: IP, WB | |
| Getestete Reaktivität: Human, Maus, Ratte | |
| Zitierte Arten: Human | |

Hintergrundinformationen

Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. Histone deacetylase (HDAC) and histone acetyltransferase (HAT) are enzymes that regulate transcription by selectively deacetylating or acetylating the (-amino groups of lysines located near the amino termini of core histone proteins. At least 4 classes of HDAC were identified. HDAC3 is a class I HDAC. HDAC3 has histone deacetylase activity and may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. HDAC3 can also down-regulate p53 function and thus modulate cell growth and apoptosis. The gene encoding HDAC3 is regarded as a potential tumor suppressor gene.

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|-----------|-----------|-------------|-----------|
| Liu Song | 36758802 | J Biol Chem | WB,IP |

Lagerung

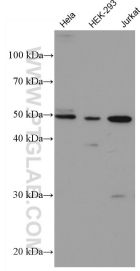
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:
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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 67151-1-Ig (HDAC3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.