

Nur für Forschungszwecke

SIRT7 Polyklonaler Antikörper

Katalog-Nr.: 29729-1-AP

1 Publikationen



Allgemeine Informationen

Katalog-Nr.: 29729-1-AP	GenBank-Zugangsnummer: NM_016538	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 800 µg/ml von Nanodrop;	GeneID (NCBI): 51547	Empfohlene Verdünnungen: WB 1:2000-1:10000
Wirt: Kaninchen	Vollständiger Name: sirtuin (silent mating type information regulation 2 homolog) 7 (S. cerevisiae)	
Isotyp: IgG	Berechnete Masse: 45KD	
Immunogen Katalognummer: AG31794	Beobachtete Masse: 45 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB: Caco-2-Zellen, HCT 116-Zellen, HeLa-Zellen, MCF-7-Zellen
In Publikationen genannte Anwendungen: IHC, WB	
Getestete Reaktivität: Human	
Zitierte Arten: Human, Ratte	

Hintergrundinformationen

SIRT7 (NAD-dependent deacetylase sirtuin-7), also known as SIR2L7, is a member of the class IV sirtuin family and is localized to the nucleolus. Expressed throughout the body, SIRT7 associates with rDNA genes where it interacts with histones and acts as a positive regulator of RNA polymerase I (Pol I). SIRT7 is a probable NAD-dependent deacetylase whose expression is upregulated in thyroid carcinoma cells. Overexpression of SIRT7 increases Pol I-mediated transcription, thereby speeding cell growth and contributing to the development of cancer.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yan Wang	35941302	Int Urol Nephrol	WB, IHC

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

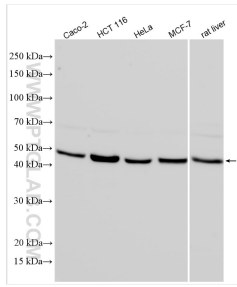
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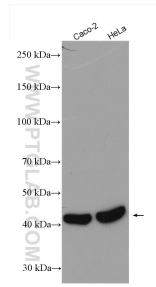
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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 29729-1-AP (SIRT7 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 29729-1-AP (SIRT7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.