

Nur für Forschungszwecke

SIRT3 Polyklonaler Antikörper

Katalog-Nr.:10099-1-AP

Vorgestelltes Produkt

80 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10099-1-AP	GenBank-Zugangsnummer: BC001042	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 770 µg/ml von Nanodrop;	GeneID (NCBI): 23410	Empfohlene Verdünnungen: WB 1:1000-1:8000
Wirt: Kaninchen	Vollständiger Name: sirtuin (silent mating type information regulation 2 homolog) 3 (S. cerevisiae)	
Isotyp: IgG	Berechnete Masse: 44 kDa	
Immunogen Katalognummer: AG0148	Beobachtete Masse: 28 kDa	

Anwendungen

Geprüfte Anwendungen:

WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Human, Maus, Ratte, Rind, Ziege

Positivkontrollen:

WB : HT-29-Zellen, HEK-293-Zellen, HepG2-Zellen, humanes Milzgewebe, Mäuserzgewebe, Mäuslebergewebe, Mäusnierengewebe, Mäus-Skelettmuskelgewebe, Rattenherzgewebe, Rattenlebergewebe

Hintergrundinformationen

Sirtuins are NAD⁺-dependent histone/protein deacetylases (HDAC) and SIRT3 is the only sirtuin whose increased expression has been shown to correlate with an extended life span in humans. It is localized in the mitochondrial matrix, where it regulates the acetylation levels of metabolic enzymes, including acetyl coenzyme A synthetase 2. SIRT3 is stress-responsive and its increased expression protects myocytes from genotoxic and oxidative stress-mediated cell death. full-length hSIRT3 (44 kDa) is an inert protein and that it is activated inside the mitochondria following deletion of 142 amino acids of the N-terminal segment. This processed form of SIRT3 is approximately 28 kDa and possesses deacetylase activity. The full SIRT3 is a 44 kDa protein and is processed by mitochondrial processing peptidase (MPP) to give a 28 kDa product.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Gagan Chhabra	34597611	J Invest Dermatol	WB
Xinhui Liu	34603081	Front Physiol	WB
Jia Wang	36086852	Phytother Res	WB

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

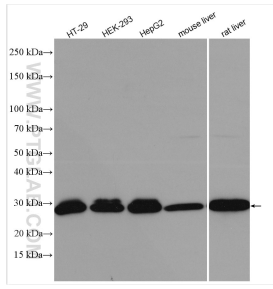
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

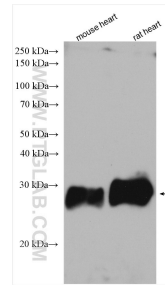
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

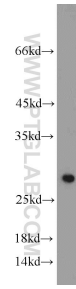
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 10099-1-AP (SIRT3 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 10099-1-AP (SIRT3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



human spleen tissue were subjected to SDS PAGE followed by western blot with 10099-1-AP (SIRT3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.