

Allgemeine Informationen

Katalog-Nr.: 24532-1-AP	GenBank-Zugangsnummer: BC017296	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 600 µg/ml von Nanodrop und 333 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 143686	Empfohlene Verdünnungen: WB 1:500-1:1000
Wirt: Kaninchen	Vollständiger Name: sestrin 3	
Isotyp: IgG	Berechnete Masse: 492 aa, 57 kDa	
Immunogen Katalognummer: AG21380	Beobachtete Masse: 57 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : HepG2-Zellen, A431-Zellen
In Publikationen genannte Anwendungen: IHC, WB	
Getestete Reaktivität: Human	
Zitierte Arten: Human	

Hintergrundinformationen

Sestrins, including sestrin-1 (PA26), sestrin-2 (Hi95), and sestrin-3, are 48 to 65 kDa cysteine sulfinyl reductases and they modulate peroxide signaling and antioxidant defense. These proteins selectively reduce or repair hyperoxidized forms of typical 2-Cys peroxiredoxins within eukaryotes. Expression of these proteins is regulated by p53, a tumor suppressor protein. Sestrin 3 was identified as a forkhead box O (FoxO) target gene with antioxidant activity. Recently it was reported that sestrin 3 may play an important role in AKT induced increase in ROS and it might be a promising target in selectively killing cancer cells containing high levels of AKT activity.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Oscar Alvarez-Garcia	28430387	J Orthop Res	IHC
Cong Jiang	36528027	Mol Cell	WB

Lagerung

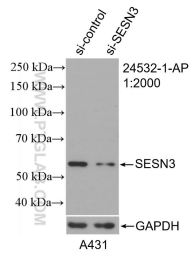
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

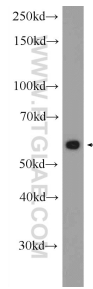
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Ausgewählte Validierungsdaten



WB result of SESN3 antibody (24532-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SESN3 transfected A431 cells.



HepG2 cells were subjected to SDS PAGE followed by western blot with 24532-1-AP (SESN3 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.