

Allgemeine Informationen

Katalog-Nr.: 27327-1-AP	GenBank-Zugangsnummer: BC007771	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 400 µg/ml von Nanodrop und 233 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 1844	Empfohlene Verdünnungen: WB 1:500-1:2000
Wirt: Kaninchen	Vollständiger Name: dual specificity phosphatase 2	
Isotyp: IgG	Berechnete Masse: 34 kDa	
Immunogen Katalognummer: AG25380	Beobachtete Masse: 34 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : A549-Zellen, HeLa-Zellen
In Publikationen genannte Anwendungen: FC, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human, Maus	

Hintergrundinformationen

DUSP2 belongs to the sub-family of nuclear specific DUSPs that includes DUSP1, 4 and 5. DUSP2 is highly expressed in immune cells, in particular, of patients with inflammatory arthritis, such as in rheumatoid arthritis (RA), and Dusp2 knockout mice present a significant reduction in inflammatory responses. It has been demonstrated that DUSP2 is a downstream target of the tumor suppressor p53 that is required for the cellular response to oxidative stress. DUSP2 is also involved in transcription factor E2F1-mediated apoptotic signaling. Like other members of the DUSP family, DUSP2 interacts with MAPKs; However, the target protein for its phosphatase activity is controversial.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jin Song	35796939	Hum Cell	WB
Jianchao Zhang	35834718	Blood Coagul Fibrinolysis	FC
Jian Fu	36476877	Cell Rep	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.

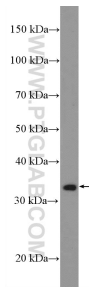
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

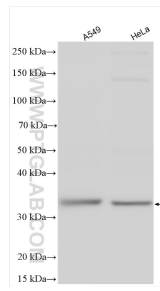
For technical support and original validation data for this product please contact:
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Ausgewählte Validierungsdaten



A549 cells were subjected to SDS PAGE followed by western blot with 27327-1-AP (DUSP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 27327-1-AP (DUSP2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.