

IL-1 Alpha Polyklonaler Antikörper

Katalog-Nr.: 28475-1-AP

Allgemeine Informationen

Katalog-Nr.: 28475-1-AP	GenBank-Zugangsnummer: BC013142	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 1200 µg/ml von 3552 Nanodrop;	GeneID (NCBI): interleukin 1, alpha	Empfohlene Verdünnungen: WB 1:500-1:2000
Wirt: Kaninchen	Vollständiger Name: interleukin 1, alpha	
Isotyp: IgG	Berechnete Masse: 271 aa, 31 kDa	
Immunogen Katalognummer: AG29587	Beobachtete Masse: 30 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : PMA, LPS and Brefeldin A treated THP-1 cells,
Getestete Reaktivität: Human	

Hintergrundinformationen

Interleukin-1α (IL-1 Alpha) is a protein that plays a crucial role in the regulation of a number of key cellular processes. IL-1 Alpha is a cytokine and a potent mediator of body's response to inflammation, microbial invasion, tissue injury and immunological response. In addition, recent studies suggest that IL-1 Alpha also has a role in wound healing, rheumatoid arthritis, Alzheimer's disease and tumor growth. IL-1 Alpha functions as an alarmin during the process of sterile inflammation. It serves as a signal from dying cells to potentiate the inflammatory response, increasing the expression of other secreted factors like IL-6 and IL-8. IL-1 Alpha was found to affect the cell cycle of osteosarcoma cell to reduce cell growth. IL-1 Alpha is initially translated as approximately 30-kD polypeptides that are processed to approximately 17.5-kD polypeptides prior to, or during, release from macrophages.

Lagerung

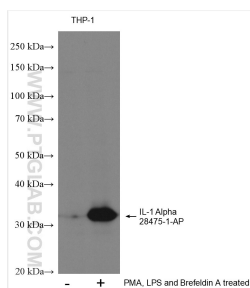
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

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



Untreated THP-1 cells, THP-1 cells (treated with 50 nM PMA and 5 μ g/ml LPS for 24 hours, with addition of 300ng/ml Brefeldin A for the last 3 hours.) were subjected to SDS PAGE followed by western blot with 28475-1-AP (IL-1 Alpha antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.