

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-IL-1 Alpha



Numéro de catalogue: 28475-1-AP

## Informations de base

Numéro de catalogue: 28475-1-AP	Numéro d'acquisition GenBank: BC013142	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 1200 µg/ml by Nanodrop;	Identification du gène (NCBI): 3552	Dilutions recommandées: WB 1:500-1:2000
Hôte: Lapin	Nom complet: interleukin 1, alpha	
Isotype: IgG	MW calculé: 271 aa, 31 kDa	
Immunogen Catalog Number: AG29587	MW observés: 30 kDa	

## Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : PMA, LPS and Brefeldin A treated THP-1 cells,
Spécificité de l'espèce: Humain	

## Informations générales

Interleukin-1 $\alpha$  (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.

## Stockage

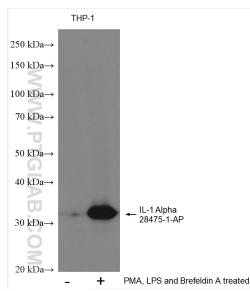
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:  
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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Données de validation sélectionnées



Untreated THP-1 cells, THP-1 cells (treated with 50 nM PMA and 5 ug/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.