

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Nlrp3



Numéro de catalogue: 30109-1-AP

## Informations de base

<b>Numéro de catalogue:</b> 30109-1-AP	<b>Numéro d'acquisition GenBank:</b> NM_145827	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 800 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 216799	<b>Dilutions recommandées:</b> WB 1:1000-1:5000
<b>Hôte:</b> Lapin	<b>Nom complet:</b> NLR family, pyrin domain containing 3	
<b>Isotype:</b> IgG	<b>MW calculé</b> 118kd	
<b>Immunogen Catalog Number:</b> AG32515	<b>MW observés:</b> 110 kDa	

## Applications

<b>Applications testées:</b> WB, ELISA	<b>Contrôles positifs:</b> WB : J774A.1 cells, cellules RAW 264.7, tissu splénique de rat
<b>Spécificité de l'espèce:</b> Humain, rat, souris	

## Informations générales

NLRP3, also named as NALP3, CIASI, C1orf7, PYPAF1, Cryopyrin and MIM606416, belongs to NLR family. NLRP3, a key and eponymous component of the NLRP3 inflammasome, plays a crucial role in innate immunity and inflammation. NLRP3 inflammasome is expressed in immune cells, including monocytes, macrophages, and dendritic cells. When the NLRP3 inflammasome is activated, the PYD domain of NLRP3 mediates recruitment of an adaptor protein called ASC and the effector protein procaspase-1 to form an NLRP3 inflammasome complex that can cleave inactive procaspase-1 to form active caspase-1. And then the active caspase-1 results in secretion of interleukin (IL)-18 and IL-1 $\beta$ . Activation of the NLRP3 inflammasome is also required for HMGB1 secretion. Inflammasomes can also induce pyroptosis, an inflammatory form of programmed cell death (PMID:27669650). NLRP3 has some isoforms with the MW of 106-118 kDa and 75-83 kDa. This antibody is specific for mouse Nlrp3.

## Stockage

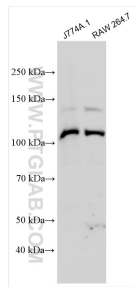
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

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## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 30109-1-AP (Nlrp3 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.