

À des fins de recherche uniquement

Anticorps Monoclonal anti-NLRP3

Numéro de catalogue: 68102-1-Ig **9 Publications**



Informations de base

Numéro de catalogue:	68102-1-Ig	Numéro d'acquisition GenBank:	NM_001079821	Méthode de purification:	Purification par protéine A
Taille:	150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	114548	CloneNo.:	3H1A7
Hôte:	Mouse	Nom complet:	NLR family, pyrin domain containing 3	Dilutions recommandées:	WB 1:2000-1:10000 IHC 1:50-1:500
Isotype:	IgG2a	MW calculé:	118 kDa		
Immunogen Catalog Number:	AG26289	MW observés:	110 kDa		

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules THP-1, cellules RAW 264.7, cellules RAW 264.7 traitées au LPS, cellules THP-1 traitées au LPS

IHC : tissu rénal humain,

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Informations générales

NALP3, also named as C1orf7, CIAS1 and PYPAF1, belongs to the NLRP family. NLRP3, a key and eponymous component of the NLRP3 inflammasome, plays a crucial role in innate immunity and inflammation. NALP3 may function as an inducer of apoptosis. It interacts selectively with ASC and this complex may function as an upstream activator of NF-kappa-B signaling. NALP3 inhibits TNF-alpha induced activation and nuclear translocation of RELA/NF-KB p65. Also inhibits transcriptional activity of RELA. NALP3 activates caspase-1 in response to a number of triggers including bacterial or viral infection which leads to processing and release of IL1B and IL18. Defects in NLRP3 are the cause of familial cold autoinflammatory syndrome type 1 (FCAS1) which also known as familial cold urticaria. Defects in NLRP3 are a cause of Muckle-Wells syndrome (MWS) which is urticaria-deafness-amyloidosis syndrome. Defects in NLRP3 are the cause of chronic infantile neurologic cutaneous and articular syndrome (CINCA) which also known as neonatal onset multisystem inflammatory disease (NOMID).

Publications notables

Autrice	Pubmed ID	Journal	Application
Qiuyuan Liu	35907203	Inflamm Bowel Dis	WB
Lu Bai	35910846	Oxid Med Cell Longev	WB
Tingting Qin	37494875	Phytomedicine	WB

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.**

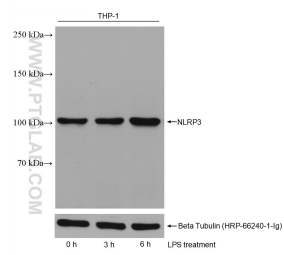
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

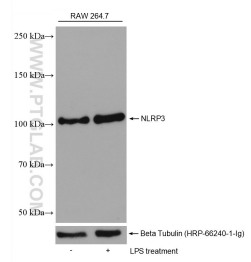
E: proteintech@ptglab.com
W: ptglab.com

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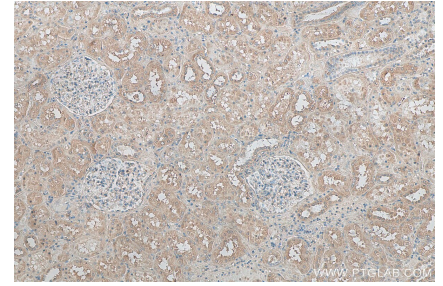
Données de validation sélectionnées



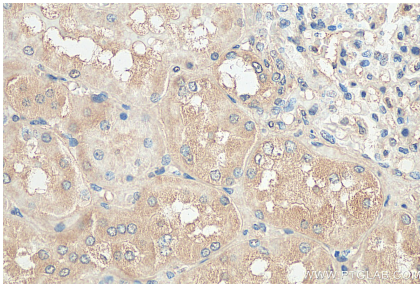
Non-treated THP-1 cells and LPS treated THP-1 cells were subjected to SDS PAGE followed by western blot with 68102-1-Ig (NLRP3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Beta Tubulin antibody as loading control.



Non-treated RAW 264.7 cells and LPS treated RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 68102-1-Ig (NLRP3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Beta Tubulin antibody as loading control.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 68102-1-Ig (NLRP3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 68102-1-Ig (NLRP3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).