

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NLRP3



Numéro de catalogue: 27458-1-AP

22 Publications

Informations de base

Numéro de catalogue:	27458-1-AP	Numéro d'acquisition GenBank:	NM_001079821	Méthode de purification:	Purification par affinité contre l'antigène
Taille:	150ul, Concentration: 800 µg/ml by Nanodrop;	Identification du gène (NCBI):	114548	Dilutions recommandées:	WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB IHC 1:50-1:500
Hôte:	Lapin	Nom complet:	NLR family, pyrin domain containing 3		
Isotype:	IgG	MW calculé	118 kDa		
Immunogen Catalog Number:	AG26272	MW observés:	110 kDa		

Applications

Applications testées:	IHC, IP, WB, ELISA	Contrôles positifs:	WB : cellules Jurkat, cellules THP-1
Demandes citées:	IF, IHC, WB	IP :	cellules THP-1,
Spécificité de l'espèce:	Humain	IHC :	tissu de cancer du sein humain,
Espèces citées:	Humain, porc		

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

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 β . 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 83 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Weiyang He	29870680	FASEB J	WB, IF
Hao Wu	36587556	Biomed Pharmacother	WB
Xianyang Wang	36589463	Front Physiol	IHC

Stockage

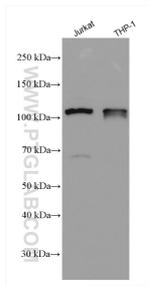
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

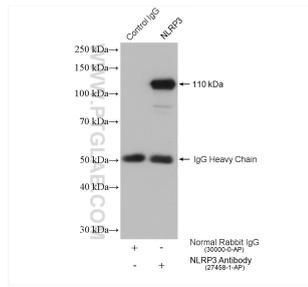
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

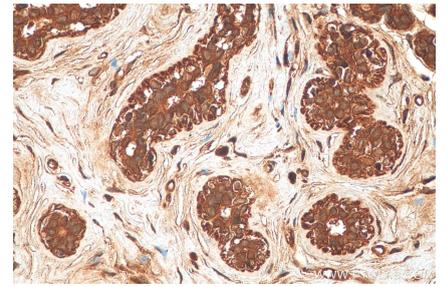
Données de validation sélectionnées



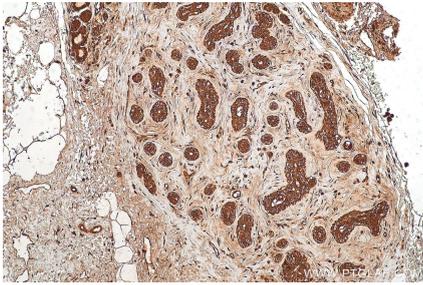
Various lysates were subjected to SDS PAGE followed by western blot with 27458-1-AP (NLRP3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-NLRP3(IP:27458-1-AP, 4ug; Detection:27458-1-AP 1:800) with THP-1 cells lysate 1520 ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 27458-1-AP (NLRP3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 27458-1-AP (NLRP3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).