NLRP3(2Z14)Rabbit Monoclonal Antibody

产品详情

产品货号	产品名称	储存条件	保质期
IM33843	NLRP3(2Z14)Rabbit Monoclonal Antibody	-20℃	1 年

产品概述：

产品名称	NLRP3(2Z14)Rabbit Monoclonal Antibody
别名	NLRP3;C1orf7;CIAS1;NALP3;PYPAF1;NACHT,LRR and PYD domains-containing protein 3;Angiotensin/vasopressin receptor AII/AVP-like;Caterpiller protein 1.1CLR1.1;Cold autoinflammatory syndrome 1 protein;Cryopyrin;PYRIN-containing APAF1-like protein 1.
类别	抗体产品
基因名称	NLRP3
蛋白名称	NACHT LRR and PYD domains-containing protein 3
Clonality	Monoclonal
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,IP,ELISA
稀释度	IHC-P 1:200-1000,WB 1:500-5000,IF-P/IF-F/IF-ICC 1:200-1000,ELISA 1:5000-20000,IP 1:50-200.
反应种属	Human,Mouse,Rat
存储缓冲液	PBS,50% glycerol,0.05% Proclin 300,0.05%BSA
Human Gene ID	114548
Human Swissprot No.	Q96P20

Mouse Swissprot No.	Q8R4B8
特异性	Endogenous
参考分子量	115kDa
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	This gene encodes a pyrin-like protein containing a pyrin domain, a nucleotide-binding site(NBS)domain,and a leucine-rich repeat (LRR)motif.This protein interacts with the apoptosis-associated speck-like protein PYCARD/ASC,which contains a caspase recruitment domain,and is a member of the NALP3 inflammasome complex.This complex functions as an upstream activator of NF-kappaB signaling,and it plays a role in the regulation of inflammation,the immune response, and apoptosis.Mutations in this gene are associated with familial cold autoinflammatory syndrome(FCAS),Muckle-Wells syndrome(MWS), chronic infantile neurological cutaneous and articular(CINCA) syndrome,and neonatal-onset multisystem inflammatory disease (NOMID).Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene.Alternative 5' UTR structures are s.
细胞定位	Cytoplasm,Nuclear
功能	Disease:Defects in NLRP3 are a cause of Muckle-Wells syndrome(MWS) [MIM:191900];also known as urticaria-deafness-amyloidosis syndrome.MWS is a hereditary periodic fever syndrome characterized by fever,chronic recurrent urticaria,arthralgias,progressive sensorineural deafness,and reactive renal amyloidosis.The disease

功能	may be severe if generalized amyloidosis occurs. Disease:Defects in NLRP3 are the cause of chronic infantile neurologic cutaneous and articular syndrome(CINCA)[MIM:607115];also known as'neonatal onset multisystem inflammatory disease,'or NOMID,a rare congenital inflammatory disorder characterized by a triad of neonatal onset of cutaneous symptoms,chronic meningitis,and joint manifestations with recurrent fever and inflammation. Disease:Defects in NLRP3 are the cause of familial cold autoinflammatory syndrome type 1(FCAS1)[MIM:120100];commonly known as familial cold urticaria. FCAS are rare autosomal dominant systemic inflammatory diseases characterized by episodes of rash,arthralgia,fever and conjunctivitis after generalized exposure to cold. Function:May function as an inducer of apoptosis. Interacts selectively with ASC and this complex may function as an upstream activator of NF-kappa-B signaling. Inhibits TNF-alpha induced activation and nuclear translocation of RELA/NF-KB p65. Also inhibits transcriptional activity of RELA. 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. induction:By TNF-alpha. online information:Repertory of FMF and hereditary autoinflammatory disorders mutations,similarity:Belongs to the NLRP family. similarity:Contains 1 DAPIN domain. similarity:Contains 1 NACHT domain. similarity:Contains 7 LRR(leucine-rich) repeats. subunit:Interacts with PYCARD/ASC. Part of the NALP3 inflammasome complex which is involved in activation of caspase-1 and caspase-5,leading to processing of IL1B and IL18. tissue specificity:Expressed in blood leukocytes. Strongly expressed in polymorphonuclear cells and osteoblasts. Undetectable or expressed at a lower magnitude in B- and T-lymphoblasts,respectively. High

功能	level of expression detected in chondrocytes.Detected in non-keratinizing epithelia of oropharynx,esophagus and ectocervix and in the urothelial layer of the bladder.
纯化	Protein A

储存与保存：

1.保存：-20℃，Avoid freeze/thaw cycles.
2.有效期：1年

注意事项：

1.本产品仅限于专业人员的科学研究用，不得用于临床诊断或治疗，不得用于食品或药品，不得存放于普通住宅内。
2.为了您的安全和健康，请穿实验服并戴一次性手套操作。
3.实验结果受多种因素影响，相关处理仅限于产品本身，不涉及其他赔偿。