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NALP3 Rabbit mAb

货号: AYM30944

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200
理论分子量	83kDa/105kDa/111kDa/112kDa/115kDa/118kDa
实测分子量	118kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Macrophage
细胞定位	Cytoplasm,Endoplasmic reticulum,Inflammasome,Nucleus,Secreted,cytosol
纯化	Affinity purification

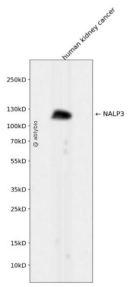
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human NALP3.

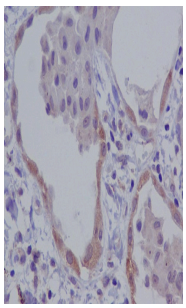
靶点信息

研究背景	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 prot ein PYCARD/ASC, which contains a caspase recruitment domain, and is a member of the NALP3 inflamma some complex. This complex functions as an upstream activator of NF-kappaB signaling, and it plays a rol e in the regulation of inflammation, the immune response, and apoptosis. Mutations in this gene are asso ciated with familial cold autoinflammatory syndrome (FCAS), Muckle-Wells syndrome (MWS), chronic infa ntile neurological cutaneous and articular (CINCA) syndrome, and neonatal-onset multisystem inflammat ory disease (NOMID). Multiple alternatively spliced transcript variants encoding distinct isoforms have be en identified for this gene. Alternative 5' UTR structures are suggested by available data; however, insuffi cient evidence is available to determine if all of the represented 5' UTR splice patterns are biologically val id.
基因ID	114548
基因名	NLRP3
Swiss	Q96P20 (https://www.uniprot.org/uniprotkb/Q96P20/entry)
别名	NALP3,NALP3 Rabbit mAb,NLRP3,Angiotensin/vasopressin receptor AII/AVP-like,Caterpiller protein 1.1,Col d-induced autoinflammatory syndrome 1 protein,Cryopyrin,PYRIN-containing APAF1-like protein 1,C1orf7

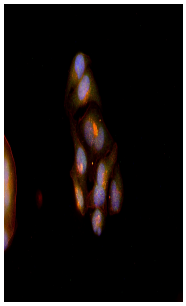
产品验证



Western blot analysis of NALP3 expressed in human kidney cancer using NALP3 Rabbit mAb at 1:1000. Se condary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking bu ffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma, using NALP3 Antibody.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 4 5 minutes at 25°C. Samples were then incubated with primary Ab NALP3 and Rabbit actin for 1 hour at 3 7°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated g oat.The nuclear counter stain is DAPI.

实验步骤

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