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NLRP3 Rabbit pAb

货号: **AYP25059**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<p>IF: Mouse colon cancer cells , Mus musculus , Gallus gallus , Rattus norvegicus</p> <p>WB: Mouse colon cancer cells , Mus musculus , Homo sapiens , Gallus gallus , Rattus norvegicus , gga , Oryctolagus cuniculus</p> <p>IHC: Mus musculus , Rattus norvegicus , Homo sapiens</p> <p>IHC WB: Mus musculus</p> <p>WB, IHC: Rattus norvegicus</p>
应用	WB IF/ICC
推荐浓度	<p>WB: 1:500 - 1:2000</p> <p>IF/ICC: 1:50 - 1:200</p>
理论分子量	83kDa/105kDa/111kDa/112kDa/115kDa/118kDa
实测分子量	83kDa/105kDa/111kDa/112kDa/115kDa/118kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	
细胞定位	Cytoplasm,Endoplasmic reticulum,Inflammasome,Nucleus,Secreted,cytosol
纯化	Affinity purification

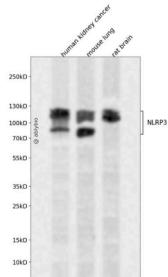
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 250-350 of human NLRP3 (NP_004886.3).
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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 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 suggested by available data; however, insufficient evidence is available to determine if all of the represented 5' UTR splice patterns are biologically valid.
基因ID	114548
基因名	NLRP3
Swiss	Q96P20 (https://www.uniprot.org/uniprotkb/Q96P20/entry)
别名	NLRP3,AGTAVPRL,All,AVP,C1orf7,CIAS1,CLR1.1,FCAS,FCAS1,FCU,MWS,NALP3,PYPAF1,NLRP3 Rabbit pAb,Angiotensin/vasopressin receptor All/AVP-like,Caterpillar protein 1.1,Cold-induced autoinflammatory syndrome 1 protein,Cryopyrin,PYRIN-containing APAF1-like protein 1

产品验证



Western blot analysis of NLRP3 expressed in human kidney cancer, mouse lung, rat brain using NLRP3 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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