

NLRP3 Recombinant antibody

Cat: B14001L

Company: HaoKeBio

Uniprot ID: Q96P20

Applications: WB: 1:1000

Organism: Rabbit

Species reactivity: Human Mouse Rat

Molecular Weight Calculation: 118 kDa

Observed Molecular Weight: 118 kDa

Background:

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. NLRP3 has some isoforms with the MW of 106-118 kDa and 75-83 kDa.

Protein full name:

NLR family, pyrin domain containing 3

Synonyms:

Angiotensin/vasopressin receptor AII/AVP-like, C1orf7, CIAS1, Cold-induced autoinflammatory syndrome 1 protein, EC:3.6.4.-

Immunogen:

Recombinant protein

Isotype:

IgG

Purity:

Affinity purification

Form:

Liquid

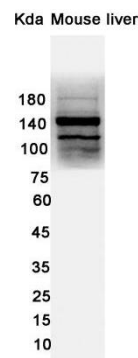
Storage Buffer:

PBS with 0.02% sodium azide, 100 μ g/ml BSA and 50% glycerol.

Storage:

Store at -20 $^{\circ}$ C for one year.

Images:



Dilution of 1:5000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:NLRP3(B14001L)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:NLRP3(B14001L) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.