

NALP3 (8Q17) Rabbit Monoclonal Antibody

Catalog# UZ-MA03095

Product information

产品货号	UZ-MA03095
别名	FCU; MWS; FCAS; Cias1; Mmig1; NLRP3; Pypaf1; Ail/AVP; AGTAVPRL; Cryopyrin;
产品名称	NALP3 (8Q17) Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	NLRP3
推荐应用	WB,FCM,IP
反应种属	Human,Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Human Gene ID	114548
Human Swissprot No.	Q96P20
免疫原	Recombinant protein of human NLRP3
稀释度	WB 1:1000, FCM 1:20-1:50, IP 1:20-1:50
参考分子量	118kDa
预测分子量	118kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
注意事项	NALP3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
细胞定位	Cytoplasm, cytosol. Inflammasome. Endoplasmic reticulum {ECO:0000250 UniProtKB:Q8R4B8}. Secreted Nucleus {ECO:0000250 UniProtKB:Q8R4B8}. Note=In macrophages, under resting conditions, mainly located in the cytosol, on the endoplasmic reticulum. After stimulation with inducers of the NLRP3 inflammasome, mitochondria redistribute in the vicinity of the endoplasmic reticulum in the perinuclear region, which results in colocalization of NLRP3 on the endoplasmic reticulum and PYCARD on mitochondria, allowing the activation of inflammasome assembly. After the induction of pyroptosis, inflammasome specks are released into the extracellular space where they can further promote IL1B processing and where they can be engulfed by macrophages. Phagocytosis induces lysosomal damage and inflammasome activation in the recipient cells (PubMed:24952504). In the Th2 subset of CD4(+) helper T-cells, mainly located in the nucleus. Nuclear localization depends upon KPNA2. In the Th1 subset of CD4(+) helper T-cells, mainly cytoplasmic (By similarity) {ECO:0000250 UniProtKB:Q8R4B8, ECO:0000269 PubMed:24952504}
Clonality	Monoclonal