

Recombinant

DGRmAb®

NLRP3 (DGR32564) Rabbit mAb

db13439

Package : 10µL 20µL 50µL 100µL

Product Name : NLRP3 (DGR32564) Rabbit mAb

Cat.No.: db13439

Synonyms : All; AVP; FCU; MWS; FCAS; KEFH; CIAS1; FCAS1; NALP3; C1orf7; CLR1.1; DFNA34; PYPAF1; AGTAVPRL

Application : WB, FC, IP

Reactivity : Human,Mouse,Rat

Host species : Rabbit

Background

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. [provided by RefSeq, Oct 2008]

Immunogen

Recombinant protein of human NLRP3

Gene ID

114548

Swiss Prot

Q96P20

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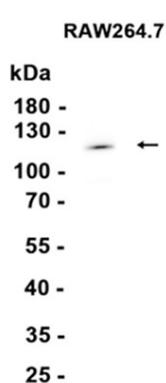
Recommended dilution

WB: 1:1000
 FC: 1:20-1:50
 IP: 1:20-1:50

Calculated MW

118 kDa

| | |
|--------------------------|---|
| Observed MW | 118 kDa |
| Host species | Rabbit |
| Clonality | Monoclonal |
| Clonality No. | DGR32564 |
| Isotype | IgG |
| Purity | Affinity Purification |
| Conjugation | Un-conjugated |
| Storage Stability | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |



Western blot analysis of extracts from RAW264.7 cells using db13439 at 1:5000.