

## Product datasheet for **TA358397**

### NLRP3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Horse, Human, Pig, Rabbit <b>Homology:</b> Cow: 93%; Dog: 79%; Horse: 93%; Human: 100%; Pig: 93%; Rabbit: 79%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	114kDa
Gene Name:	NLR family, pyrin domain containing 3
Database Link:	<a href="#">NP_004886</a> <a href="#">Entrez Gene 114548 Human</a> <a href="#">Q96P20</a>
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).



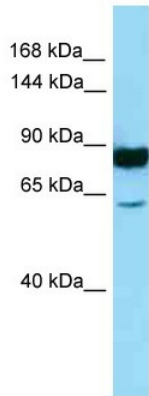
[View online »](#)

**Synonyms:** AGTAVPRL; AII; AII/AVP; AVP; C1orf7; CIAS1; CLR1.1; cryopyrin; FCAS; FCU; FLJ95925; MWS; NALP3; PYPAF1

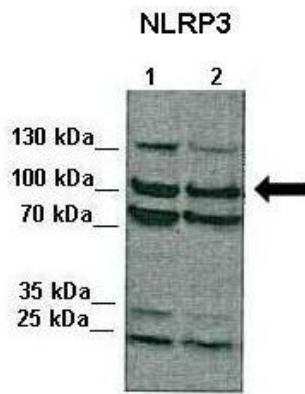
**Protein Families:** Druggable Genome

**Protein Pathways:** NOD-like receptor signaling pathway

**Product images:**



WB Suggested Anti-NLRP3 Antibody  
Titration: 1.0 ug/ml  
Positive Control: Fetal Kidney



Lanes:  
Lane 1: 30ug human glioma lysate  
Lane 2: 30ug IL-1 treated human glioma lysate  
Primary Antibody Dilution:  
1:500  
Secondary Antibody:  
Anti-rabbit-HRP  
Secondary Antibody Dilution:  
1:500  
Gene Name:  
NLRP3  
Submitted by:  
Anonymous

See Immunoblot 2 Data and Customer Feedback for more Information