



# Cryopyrin Polyclonal Antibody

Cat No: HR1AP5223

For research use only

## Overview

Product Name	Cryopyrin Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	115kDa
GenID?Human?	NLRP3
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	NLRP3; C1orf7; CIAS1; NALP3; PYPAF1; NACHT, LRR and PYD domains-containing protein 3; Angiotensin/vasopressin receptor AII/AVP-like; Caterpillar protein 1.1CLR1.1; Cold autoinflammatory syndrome 1 pro
Background	NLR family pyrin domain containing 3(NLRP3) Homo sapiens 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- $\kappa$ B 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 s