

Anti-NLRP3 Polyclonal Antibody 5

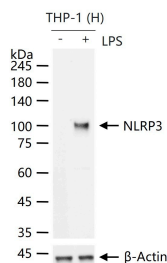
Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 114 kDa. Actual: 100 kDa.
Purification:	Protein A purified

Applications

Verified Activity:

THP-1 (H) cells were treated with or without LPS (10 µg/ml) for 8 h, 25 µg total protein per Lane of cell lysates probed with NLRP3 polyclonal antibody, unconjugated (TMAB-01247) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.



Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human NLRP3
Antigen Species:	Human
Gene ID:	114548
Uniprot ID:	Q96P20
Synonyms:	Angiotensin/vasopressin receptor AII/AVP-like;C1orf7;Caterpillar protein 1.1 (CLR1.1);PYRIN-containing APAF1-like protein 1;LRR and PYD domains-containing protein 3;CIAS1;Cold-induced autoinflammatory syndrome 1 protein;NACHT, LRR and PYD domains-containing protein 3;PYPAF1;Cryopyrin;NLRP3;NALP3
Biology Area:	TNF,Inflammatory mediators,Macrophage / Inflamm.,NFkB Pathway

Research Background

May function as an inducer of apoptosis. Interacts selectively with ASC and this complex may function as an upstream activator of NF-kappa-B signaling. Inhibits TNF-alpha induced activation and nuclear translocation of RELA/NF-KB p65. Also inhibits transcriptional activity of RELA. Activates caspase-1 in response to a number of

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triggers including bacterial or viral infection which leads to processing and release of IL1B and IL18.

Subcellular Location : Cytoplasm.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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