

## Anti-NALP4 NLRP4 Antibody

Catalog Number: A08477

### About NLRP4

NALP proteins include the apoptosis regulator APAF1 (apoptotic protease activating factor 1) and mammalian NOD-LRR proteins and are thought to be involved in inflammation and reproduction. NALP4, also known as PYRIN-containing APAF1-like protein 4, has a C-terminal leucine-rich repeat (LRR) region, an N-terminal Pyrin domain (PYD) followed by a NACHT domain, and a NACHT-associated domain. In transfected 293 cells, NALP4 suppressed NF-kappaB induction by TNF-alpha and IL-1beta, suggesting NALP4 operates at a point of convergence in these two signaling pathways. NALP4 also suppressed NF-kappaB induction resulting from overexpression of several adapter proteins and protein kinases involved in these pathways, including TRAF2, TRAF6, RIP, and IRAK2, as well as the IKK-alpha and IKK-beta, suggesting that NALP4 is critical in modulating NF-kappaB activity.

### Overview

Product Name	Anti-NALP4 NLRP4 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-NALP4 NLRP4 Antibody (Catalog # A08477). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	NALP4 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	NALP4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q96MN2

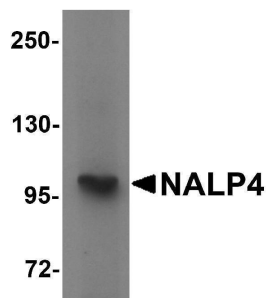
### Technical Details

Immunogen	NALP4 antibody was raised against a 13 amino acid synthetic peptide near the center of human NALP4. The immunogen is located within amino acids 330 - 380 of NALP4.
Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	NALP4 Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

NALP4 antibody can be used for detection of NALP4 by Western blot at 1 ug/mL.  
Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

## Anti-NALP4 NLRP4 Antibody (A08477) Images



Western blot analysis of NALP4 in K562 cell lysate with NALP4 antibody at 1 ug/mL.

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