

Datasheet for ABIN6990400
anti-NLRP2 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	NLRP2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	NALP2 antibody was raised against a peptide corresponding to 12 amino acids near the carboxy terminus of human NALP2. The immunogen is located within the last 50 amino acids of NALP2.
Isotype:	IgG
Purification:	NALP2 Antibody is immunoaffinity chromatography purified IgG.

Target Details

Target:	NLRP2
Alternative Name:	NALP2 (NLRP2 Products)
Background:	NALP2 Antibody: NALP2 belongs to a family of cytoplasmic proteins that have been implicated in cell responses to apoptotic and inflammatory stimuli. Unlike the prototypical NALP protein

Target Details

NALP1, NALP2 only contains a NACHT domain, leucine rich repeat (LRR), and pyrin-containing domain (PYD). This protein interacts with the adapter protein ASC in addition to CARD8 and caspase-1 to form an inflammasome with high proIL-1 β -processing activity and is thought to function as a modulator of NF- κ B and procaspase-1 activation in macrophages. It has also been suggested that NALP2, in addition to other NALP family members, can act as innate sensors of pathogens in a manner similar to the toll-like receptors (TLRs). At least two alternatively spliced transcript variants encoding distinct isoforms have been found for NALP2.

Gene ID: 55655

NCBI Accession: [NP_060322](#)

UniProt: [Q9NX02](#)

Pathways: [Production of Molecular Mediator of Immune Response](#), [Positive Regulation of Endopeptidase Activity](#), [Inflammasome](#)

Application Details

Application Notes: NALP2 antibody can be used for detection of NALP2 by Western blot at 1 to 2 μ g/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: NALP2 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: NALP2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.