

NALP8 Antibody

Catalog # ASC11197

Product Information

Application	WB, E
Primary Accession	Q86W28
Other Accession	NP_789781 , 33667040
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	119430
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	NALP8 antibody can be used for detection of NALP8 by Western blot at 1 μ g/mL.

Additional Information

Gene ID	126205
Other Names	NACHT, LRR and PYD domains-containing protein 8, Nucleotide-binding oligomerization domain protein 16, PYRIN and NACHT-containing protein 4, NLRP8, NALP8, NOD16, PAN4
Target/Specificity	NLRP8;
Reconstitution & Storage	NALP8 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.
Precautions	NALP8 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NLRP8
Synonyms	NALP8, NOD16, PAN4
Function	Involved in inflammation.
Cellular Location	Cytoplasm.

Background

NALP8 Antibody: NALP proteins are cytoplasmic proteins that form a subfamily within the larger CATERPILLER family and are thought to play a crucial role in cell proliferation and reproduction. Like all other NALP family members, NALP8 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. It maps to chromosome 19q13.42 and is thought to be expressed in testis and ovary, suggesting that NALP8 may be involved in reproduction. Surprisingly, NALP8 seems to be universal in mammals except for rodents, suggesting that the gene may have been lost during evolution.

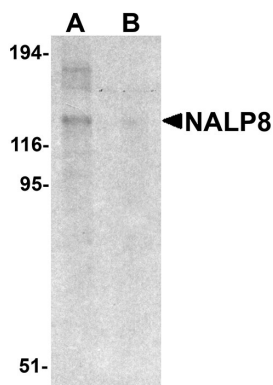
References

Tschopp J, Martinon F, and Burns K. NALPs: a novel protein family involved in inflammation. *Nat. Rev. Mol. Cell Biol.* 2003; 4:95-104.

Tian X, Pascal G, and Monget P. Evolution and functional divergence of NLRP genes in mammalian reproductive system. *BMC Evol. Biol.* 2009; 9:202.

Ponsuksili P, Brunner RM, Goldammer T, et al. Bovine NALP5, NALP8, and NALP9 genes: assignment to a QTL region and the expression in adult tissues, oocytes, and preimplantation embryos. *Biol. Reprod.* 2006; 74:577-84.

Images



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