

NALP11 Antibody

Catalog # ASC11199

Product Information

Application	WB, IF, ICC, E
Primary Accession	P59045
Other Accession	NP_659444 , 194018484
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	117779
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	NALP11 antibody can be used for detection of NALP11 by Western blot at 1 μ g/mL. Antibody can also be used for immunocytochemistry starting at 2.5 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Additional Information

Gene ID	204801
Other Names	NACHT, LRR and PYD domains-containing protein 11, Nucleotide-binding oligomerization domain protein 17, PAAD-and NACHT domain-containing protein 10, PYRIN-containing APAF1-like protein 6, NLRP11, NALP11, NOD17, PAN10, PYPAF6
Target/Specificity	NLRP11;
Reconstitution & Storage	NALP11 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	NALP11 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NLRP11
Synonyms	NALP11, NOD17, PAN10, PYPAF6
Function	Involved in inflammation.

Background

NALP11 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, NALP11 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. While little is known about the function of NALP11, it has been suggested that it has been associated with Crohn's disease.

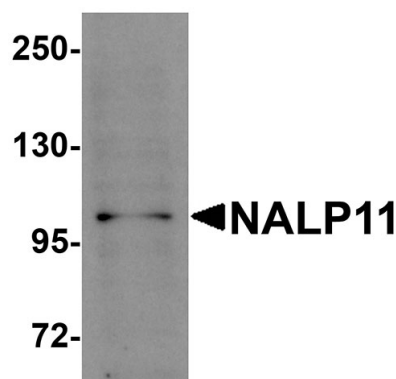
References

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

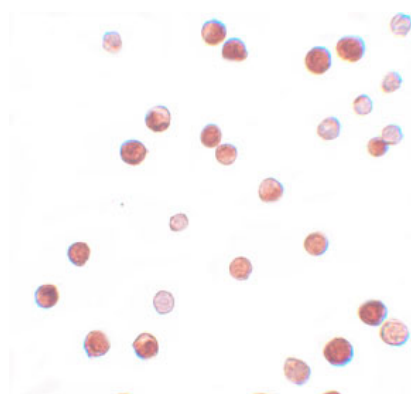
Tian X, Pascal G, and Monget P. Evolution and functional divergence of NLRP genes in mammalian reproductive system. *BMC Evol. Biol.* 2009; 9:202.

Cummings JR, Cooney RM, Clarke G, et al. The genetics of NOD-like receptors in Crohn's disease. *Tiss. Antigens* 2010; 76:48-56.

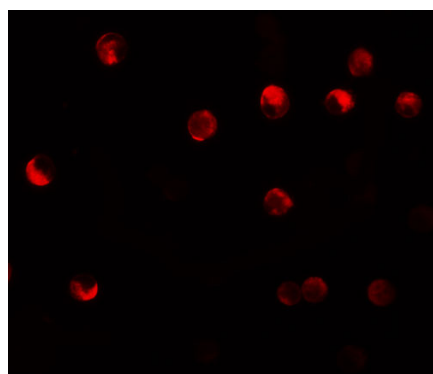
Images



Western blot analysis of NALP11 in HeLa cell lysate with NALP11 antibody at 1 µg/mL.



Immunocytochemistry of NALP11 in HeLa cells with NALP11 antibody at 2.5 µg/mL.



Immunofluorescence of NALP11 in HeLa cells with NALP11 antibody at 20 µg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.