

NALP13 Antibody

Catalog # ASC11201

Product Information

Application	WB, IF, ICC, E
Primary Accession	Q86W25
Other Accession	EAW72420 , 119592826
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	118884
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	NALP13 antibody can be used for detection of NALP13 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	126204
Other Names	NACHT, LRR and PYD domains-containing protein 13, Nucleotide-binding oligomerization domain protein 14, NLRP13, NALP13, NOD14
Target/Specificity	NLRP13;
Reconstitution & Storage	NALP13 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	NALP13 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NLRP13
Synonyms	NALP13, NOD14
Function	Involved in inflammation.

Background

NALP13 Antibody: NALP proteins are cytoplasmic proteins that form a subfamily within the larger

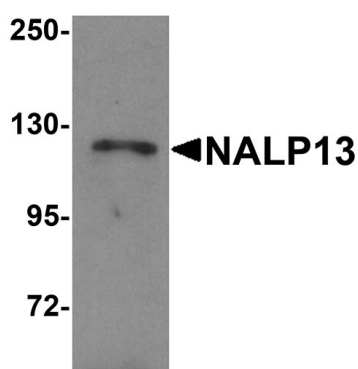
CATERPILLER family and are thought to play a crucial role in cell proliferation and reproduction. Like all other NALP family members, NALP13 has a C-terminal leucine-rich repeat (LRR) region, an N-terminal Pyrin domain (PYD) followed by a NACHT domain, and a NACHT-associated domain. While little is known about the function of NALP13, it has been suggested that it may be implicated in the activation of proinflammatory caspases via inflammasomes.

References

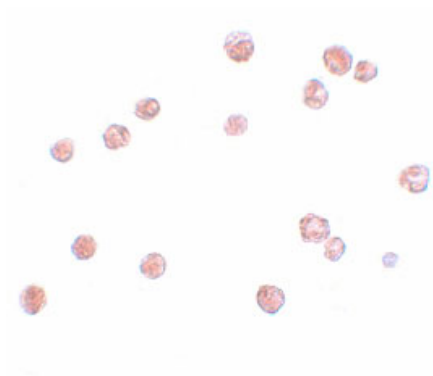
Tschopp J, Martinon F, and Burns K. NALPs: a novel protein family involved in inflammation. *Nat. Rev. Mol. Cell Biol.* 2003; 4:95-104.

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

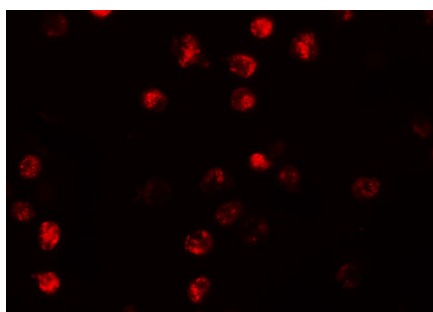
Images



Western blot analysis of NALP13 in K562 cell lysate with NALP13 antibody at 1 µg/mL.



Immunocytochemistry of NALP13 in K562 cells with NALP13 antibody at 2.5 µg/mL.



Immunofluorescence of NALP13 in K562 cells with NALP13 antibody at 20 µg/mL.

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