

20-1079: Polyclonal antibody to NALP4 (PAN-2)

Clonality :	Polyclonal
Application :	IP,IHC,WB
Reactivity :	Human
Gene :	NLRP4
Gene ID :	147945
Uniprot ID :	Q96MN2
Format :	Sera
Alternative Name :	NLRP4,NALP4,PAN2,PYPAF4,RNH2
Isotype :	Rabbit IgG
Immunogen Information :	A synthetic peptide of human NALP4/PAN2/PYPAF4 (amino acids 139-157 FAPKETGKQPRTVIIQGPO) was used as immunogen for this antibody

Description

This antibody recognizes NALP4; human NALP4 is a 994 amino acid protein. NALPs are cytoplasmic proteins that form a subfamily within the larger CATERPILLER protein family. Most short NALPs, such as NALP4, have an N-terminal pyrin (MEFV; MIM 608107) domain (PYD), followed by a NACHT domain, a NACHT-associated domain (NAD), and a C-terminal leucine-rich repeat (LRR) region. The long NALP, NALP1 (MIM 606636), also has a C-terminal extension containing a function to find domain (FIIND) and a caspase recruitment domain (CARD). NALPs are implicated in the activation of proinflammatory caspases (e.g., CASP1) via their involvement in multiprotein complexes called inflammasomes.

Product Info

Amount :	50 µl
Content :	50 µl sera
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

WB: 1:1000-1:2000, IHC (paraffin): 1:1000-1:5000, IHC (frozen): Users should optimize, IP: 1:50-1:200