

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

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	IP,IHC,WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	NLRP4
<b>Gene ID :</b>	147945
<b>Uniprot ID :</b>	Q96MN2
<b>Format :</b>	Sera
<b>Alternative Name :</b>	NLRP4,NALP4,PAN2,PYPAF4,RNH2
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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

<b>Amount :</b>	50 µl
<b>Content :</b>	50 µl sera
<b>Storage condition :</b>	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