

NALP2 / PAN1 Antibody (C-Term, near)
Peptide-affinity purified goat antibody
Catalog # AF3137a**Specification**

NALP2 / PAN1 Antibody (C-Term, near) - Product Information

Application	WB
Primary Accession	O9NX02
Other Accession	NP_060322.1 , 55655
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	120515

NALP2 / PAN1 Antibody (C-Term, near) - Additional Information**Gene ID** 55655**Other Names**

NACHT, LRR and PYD domains-containing protein 2, Nucleotide-binding site protein 1, PYRIN domain and NACHT domain-containing protein 1, PYRIN-containing APAF1-like protein 2, NLRP2, NALP2, NBS1, PAN1, PYPAF2

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NALP2 / PAN1 Antibody (C-Term, near) is for research use only and not for use in diagnostic or therapeutic procedures.

NALP2 / PAN1 Antibody (C-Term, near) - Protein Information**Name** NLRP2**Synonyms** NALP2, NBS1, PAN1, PYPAF2**Function**

Suppresses TNF- and CD40-induced NFkB1 activity at the level of the IKK complex, by inhibiting NFkBIA degradation induced by TNF. When associated with PYCARD, activates CASP1, leading to the secretion of mature pro-inflammatory cytokine IL1B. May be a component of the inflammasome, a protein complex which also includes PYCARD, CARD8 and CASP1 and whose

function would be the activation of pro-inflammatory caspases.

Cellular Location

Cytoplasm

Tissue Location

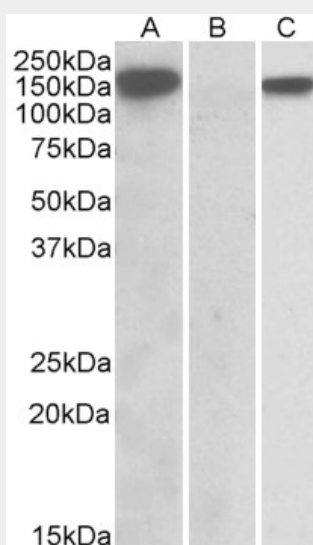
Expressed at high levels in lung, placenta and thymus and at lower levels in ovary, intestine and brain (PubMed:15456791). Highly abundant in oocytes and early embryos, however poorly expressed in somatic tissues such as brain, kidney, liver and spinal cord (PubMed:30877238).

NALP2 / PAN1 Antibody (C-Term, near) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NALP2 / PAN1 Antibody (C-Term, near) - Images



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human NLRP2 with DYKDDDDK tag probed with AF3137a (1ug/ml) in Lane A and probed with anti- DYKDDDDK Tag (1/5000) in lane C. Mock-transfected HEK293 probed with AF3137a (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.

NALP2 / PAN1 Antibody (C-Term, near) - References

Toll-like receptor 2 and NALP2 mediate induction of human beta-defensins by fusobacterium nucleatum in gingival epithelial cells. Ji S, Shin JE, Kim YS, Oh JE, Min BM, Choi Y, Infection and immunity 2009 Mar 77 (3): 1044-52. PMID: 19103770