

Rabbit NALP4 Polyclonal Antibody | anti-NALP4 antibody

NALP4 Antibody

CATALOG # AAA319665	HOST Rabbit	REACTIVITY Human, Rat, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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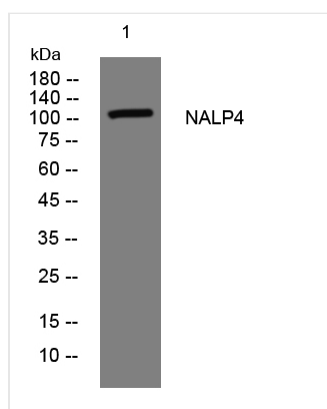
PRODUCT SYNONYMS

NALP4; Polyclonal Antibody; NALP4 Antibody; anti-NALP4 antibody

PRODUCT SPECIFICATIONS

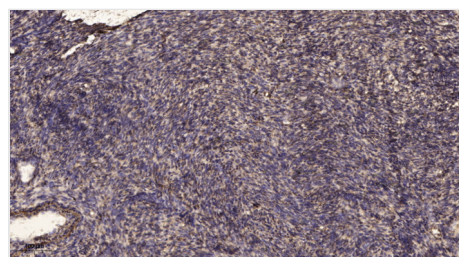
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of NALP4 at Human
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-NALP4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from human NALP4 AA range: 307-357
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4 degree over night



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human uterus. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

Related Product Information for anti-NALP4 antibody	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; MIM 147678) via their involvement in multiprotein complexes called inflammasomes (Tschopp et al., 2003 [PubMed 12563287]).[supplied by OMIM, Mar 2008]
Product Categories/Family for anti-NALP4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	17064172
NCBI GeneID	147945
UniProt Accession #	Q96MN2; Q86W87; Q96AY6
NCBI Official Full Name	NALP4
NCBI Official Synonym Full Names	NLR family, pyrin domain containing 4
NCBI Official Symbol	NLRP4
NCBI Official Synonym Symbols	CT58; PAN2; RNH2; NALP4; PYPAF4; CLR19.5
NCBI Protein Information	NACHT, LRR and PYD domains-containing protein 4; cancer/testis antigen 58; ribonuclease inhibitor 2; PAAD and NACHT-containing protein 2; PYRIN and NACHT-containing protein 2; PYRIN-containing APAF1-like protein 4; NACHT, LRR and PYD containing protein 4;
UniProt Protein Name	NACHT, LRR and PYD domains-containing protein 4
UniProt Gene Name	NLRP4
UniProt Synonym Gene Names	NALP4; PAN2; PYPAF4; RNH2; CT58; PAN2; PYPAF4
UniProt Entry Name	NALP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.