

Datasheet for 600-401-CX7**NALP11 Antibody****Overview**

Description:	Anti-NALP11 (RABBIT) Antibody - 600-401-CX7
Item No.:	600-401-CX7
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	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, NALP11 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 NALP11, it has been suggested that it has been associated with Crohn's disease.
Synonyms:	NALP11 Antibody, NOD17, PAN10, NALP11, PYPAF6, PYPAF7, CLR19.6, NOD17, NACHT, LRR and PYD domains-containing protein 11, Nucleotide-binding oligomerization domain protein 17
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	NLRP11
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-NALP11 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 15 amino acid synthetic peptide near the C-terminus of human NALP11.

Purity/Specificity:	Anti-NALP11 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with NALP11 from other sources has not been determined.
Relevant Links:	<ul style="list-style-type: none">• UniProtKB - P59045• GeneID - 204801• NCBI - NP_659444

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-NALP11 Antibody has been tested for use in ELISA, Western Blotting, Immunocytochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 117 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
IF:	20 µg/mL
WB:	1 µg/mL

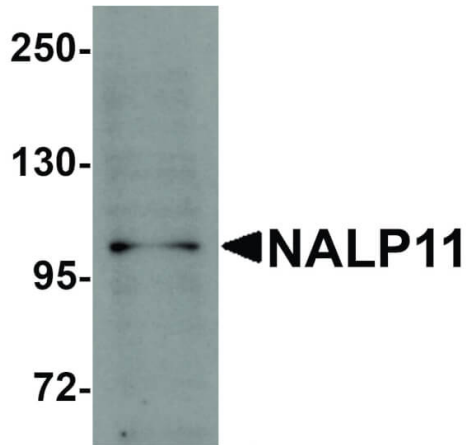
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

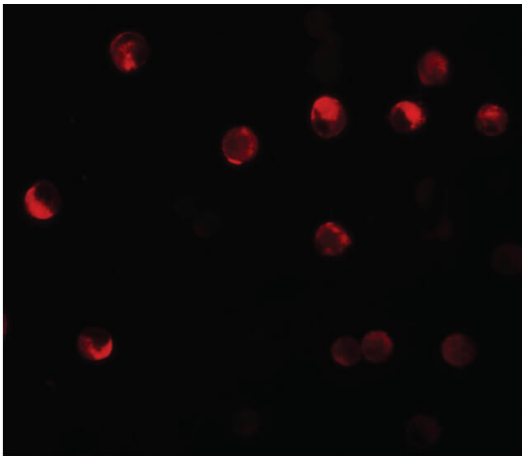
Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



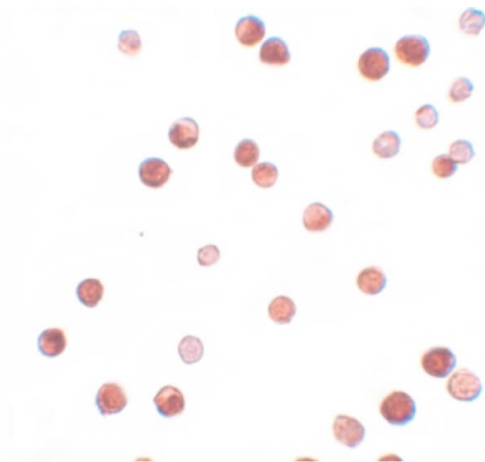
Western Blot

Western Blot of NALP11 antibody. Lane 1: HeLa cell lysate with NALP11 antibody at 1 $\mu\text{g}/\text{mL}$. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 117 kDa, 117 kDa for NALP11. Other band(s): NALP11 splice variants and isoforms.



Immunofluorescence Microscopy

Immunofluorescence Microscopy of NALP11 antibody. Tissue: HeLa cells. Fixation: 0.5% PFA. Antigen retrieval: not required. Primary antibody: NALP11 antibody at 20 $\mu\text{g}/\text{mL}$ for 1 h at RT. Secondary antibody: Fluorescein rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: NALP11 as red fluorescent signal.



Immunohistochemistry

Immunocytochemistry of NALP11 antibody. Tissue: HeLa cells. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: NALP11 antibody at 2.5 $\mu\text{g}/\text{mL}$ for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: NALP11 as precipitated blue signal with pink nuclear counterstain.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.