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Datasheet for ABIN2559652  
**anti-NLRP6 antibody (AA 351-450)**

2 Images

Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | NLRP6  |
| Binding Specificity: | AA 351-450   |
| Reactivity:          | Mouse, Rat   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This NLRP6 antibody is un-conjugated   |
| Application:         | ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP) |

Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human NALP6 |
| Isotype:              | IgG   |
| Cross-Reactivity:     | Mouse, Rat  |
| Predicted Reactivity: | Human   |
| Purification:         | Purified by Protein A.                                    |

Target Details

|         |       |
|---------|-------|
| Target: | NLRP6 |
|---------|-------|

## Target Details

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Alternative Name: NALP6 ([NLRP6 Products](#))

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Background: Synonyms: AVR, NAVR, PAN3, NALP6, PYPAF5, CLR11.4, NAVR/AVR, NACHT, LRR and PYD domains-containing protein 6, Angiotensin II/vasopressin receptor, PYRIN-containing APAF1-like protein 5, NLRP6

Background: May contribute to arginine-vasopressin (AVP)-mediated regulation of renal salt-water balance, glucose and lipid metabolism, apoptosis, and/or cell cycle. Binds arginine-vasopressin but not angiotensin II and acts as an arginine-vasopressin V2 receptor. Plays a role in modulating inflammatory responses in the colon to allow recovery from intestinal epithelial damage and limit tumorigenic potential. Protects against the development of colitis by controlling the composition of the gut microbiota by preventing colonization of the colon by harmful, inflammation-inducing bacteria such as Prevotella species. May mediate activation of CASP1 via ASC, promote activation of NF-kappa-B and stimulate cAMP accumulation (By similarity).

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Gene ID: 171389

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UniProt: [P59044](#)

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Pathways: [Inflammasome](#)

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## Application Details

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Application Notes: ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200  
IP(1-2 µg)  
ICC 1:100-500

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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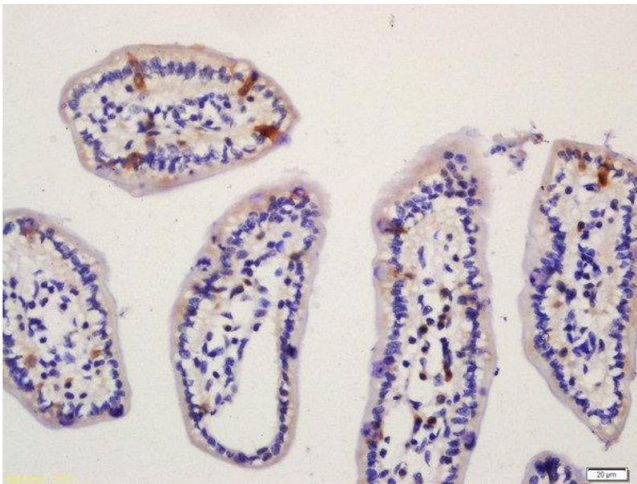
Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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## Handling

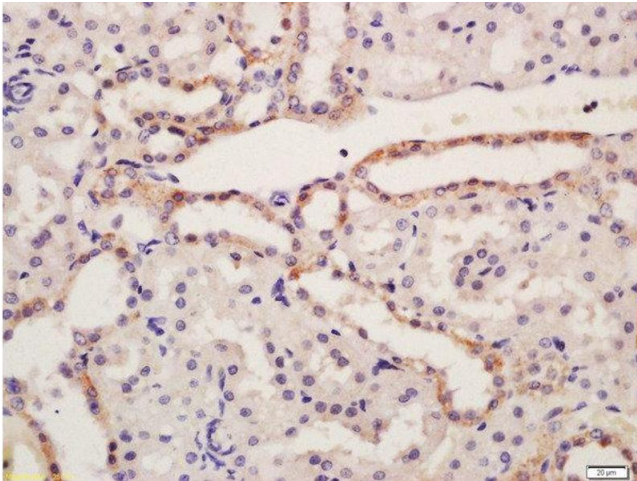
|                    |  |
|--------------------|--|
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | 4 °C,-20 °C  |
| Storage Comment:   | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                                    |
| Expiry Date:       | 12 months  |

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin embedded mouse intestine tissue labeled with Rabbit Anti-NALP6 Polyclonal Antibody, Unconjugated (ABIN2559652) at 1:200 followed by conjugation to the secondary antibody and DAB staining



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Formalin-fixed and paraffin embedded rat kidney tissue labeled with Rabbit Anti-NALP6 Polyclonal Antibody, Unconjugated (ABIN2559652) at 1:200 followed by conjugation to the secondary antibody and DAB staining