

## Rabbit anti-Human NLRP7 Polyclonal Antibody | anti-NLRP7 antibody

NLRP7 Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA234490</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

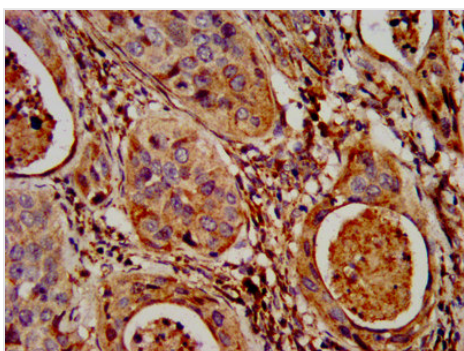
### PRODUCT SYNONYMS

NLRP7; Polyclonal Antibody; NLRP7 Antibody; NACHT; LRR and PYD domains-containing protein 7; Nucleotide-binding oligomerization domain protein 12; PYRIN-containing APAF1-like protein 3; NALP7; NOD12; PYPAF3; anti-NLRP7 antibody

### PRODUCT SPECIFICATIONS

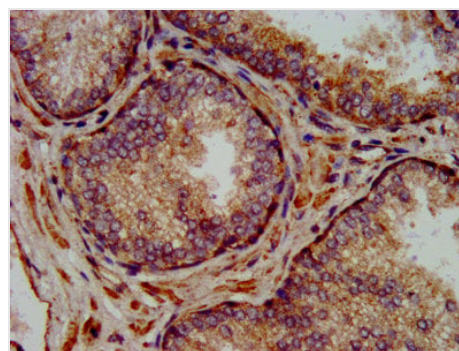
|                                                 |                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                               |
| Reactivity                                      | Human                                                                                |
| Clonality                                       | Polyclonal                                                                           |
| Isotype                                         | IgG                                                                                  |
| Purity/Purification                             | >95%, Protein G purified                                                             |
| Form/Format                                     | Liquid                                                                               |
| Sequence Length                                 | 1037                                                                                 |
| Applicable Applications for anti-NLRP7 antibody | IHC (Immunohistochemistry), ELISA                                                    |
| Immunogen                                       | Recombinant Human NACHT, LRR and PYD domains-containing protein 7 protein (89-187AA) |
| Conjugation                                     | Non-conjugated                                                                       |
| Buffer                                          | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4     |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.          |

### IMAGES



#### IHC (Immunohistochemistry)

IHC image of AAA234490 diluted at 1:300 and staining in paraffin-embedded human cervical cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### IHC (Immunohistochemistry)

IHC image of AAA234490 diluted at 1:300 and staining in paraffin-embedded human prostate cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

|                                                     |                                                    |
|-----------------------------------------------------|----------------------------------------------------|
| Related Product Information for anti-NLRP7 antibody | Inhibits CASP1/caspase-1-dependent IL1B secretion. |
| Product Categories/Family for anti-NLRP7 antibody   | Cell Biology; Immunology                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 187937176                                                 |
| NCBI GeneID                      | 199713                                                    |
| NCBI Accession #                 | NP_001120727.1                                            |
| NCBI GenBank Nucleotide #        | NM_001127255.1                                            |
| UniProt Accession #              | Q8WX94; Q32MH8; Q7RTR1; E9PE16                            |
| Molecular Weight                 | 118,303 Da                                                |
| NCBI Official Full Name          | NACHT, LRR and PYD domains-containing protein 7 isoform 3 |
| NCBI Official Synonym Full Names | NLR family pyrin domain containing 7                      |
| NCBI Official Symbol             | NLRP7                                                     |
| NCBI Official Synonym Symbols    | HYDM; PAN7; NALP7; NOD12; PYPAF3; CLR19.4                 |
| NCBI Protein Information         | NACHT, LRR and PYD domains-containing protein 7           |
| UniProt Protein Name             | NACHT, LRR and PYD domains-containing protein 7           |
| UniProt Gene Name                | NLRP7                                                     |
| UniProt Synonym Gene Names       | NALP7; NOD12; PYPAF3                                      |

**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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nlrp7-antibody-immunohistochemistry-elisa/234490>