

## Rabbit NLRP7 Polyclonal Antibody | anti-NLRP7 antibody

NLRP7 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA168131</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

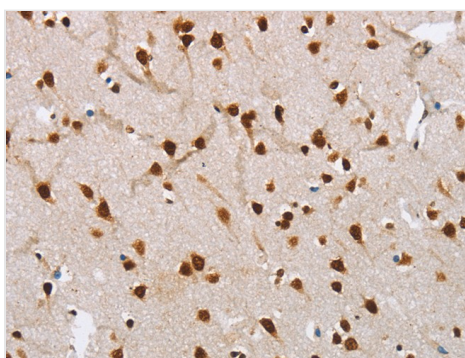
### PRODUCT SYNONYMS

NLRP7; Polyclonal Antibody; NLRP7 Polyclonal Antibody; HYDM; PAN7; NALP7; NOD12; PYPAF3; CLR19.4; anti-NLRP7 antibody

### PRODUCT SPECIFICATIONS

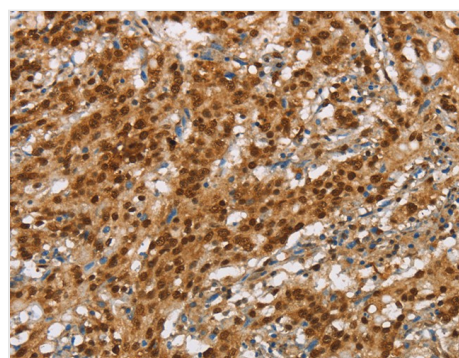
|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                         |
| Clonality                                       | Polyclonal                                                                                |
| Isotype                                         | IgG                                                                                       |
| Purity/Purification                             | Antigen affinity purification                                                             |
| Concentration                                   | 3.7mg/mL (varies by lot)                                                                  |
| Sequence Length                                 | 980                                                                                       |
| Applicable Applications for anti-NLRP7 antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                       | Synthetic peptide of human NLRP7                                                          |
| Buffer                                          | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                         | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using NLRP7 Polyclonal Antibody at dilution 1:60



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using NLRP7 Polyclonal Antibody at dilution 1:60

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NLRP7 antibody | This gene encodes a member of the NACHT, leucine rich repeat, and PYD containing (NLRP) protein family. It has an N-terminal pyrin domain, followed by a NACHT domain, a NACHT-associated domain (NAD), and a C-terminal leucine-rich repeat (LRR) region. NLRP proteins are implicated in the activation of proinflammatory caspases through multiprotein complexes called inflammasomes. This gene may act as a feedback regulator of caspase-1-dependent interleukin 1-beta secretion. Alternative splicing results in multiple transcript variants encoding different isoforms. |
| Product Categories/Family for anti-NLRP7 antibody   | Cell biology; Epigenetics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 75709196                                                                                                                                                                                                                                                                                                                             |
| NCBI GeneID                      | 199713                                                                                                                                                                                                                                                                                                                               |
| NCBI Accession #                 | NP_996611.2                                                                                                                                                                                                                                                                                                                          |
| NCBI GenBank Nucleotide #        | NM_206828.3                                                                                                                                                                                                                                                                                                                          |
| Molecular Weight                 | 118,303 Da                                                                                                                                                                                                                                                                                                                           |
| NCBI Official Full Name          | NACHT, LRR and PYD domains-containing protein 7 isoform 2                                                                                                                                                                                                                                                                            |
| 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; NACHT, LRR and PYD containing protein 7; NACHT, leucine rich repeat and PYD containing 7; PYRIN-containing Apaf1-like protein 3; nucleotide-binding oligomerization domain protein 12; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 7 |
| UniProt Protein Name             | NACHT, LRR and PYD domains-containing protein 7                                                                                                                                                                                                                                                                                      |
| UniProt Gene Name                | NLRP7                                                                                                                                                                                                                                                                                                                                |
| UniProt Synonym Gene Names       | NALP7; NOD12; PYPAF3                                                                                                                                                                                                                                                                                                                 |
| UniProt Entry Name               | NALP7_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.

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