Product Datasheet

NLRP3/NALP3 Antibody

NBP1-77080

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

Reviews: 2  Publications: 11

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### NBP1-77080
NLRP3/NALP3 Antibody

#### Product Information

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Size</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>Concentration</td>
<td>1 mg/ml</td>
</tr>
<tr>
<td>Storage</td>
<td>Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.</td>
</tr>
<tr>
<td>Clonality</td>
<td>Polyclonal</td>
</tr>
<tr>
<td>Preservative</td>
<td>0.02% Sodium Azide</td>
</tr>
<tr>
<td>Isotype</td>
<td>IgG</td>
</tr>
<tr>
<td>Purity</td>
<td>Immunogen affinity purified</td>
</tr>
<tr>
<td>Buffer</td>
<td>PBS</td>
</tr>
<tr>
<td>Target Molecular Weight</td>
<td>110 kDa</td>
</tr>
</tbody>
</table>

#### Product Description

- **Host**: Rabbit
- **Gene ID**: 114548
- **Gene Symbol**: NLRP3
- **Species**: Human, Mouse
- **Reactivity Notes**: Predicted species reactivity based on immunogen sequence: Bovine: (88%)
- **Immunogen**: Antibody was raised against a 16 amino acid synthetic peptide from near the amino terminus of human NALP3. The immunogen is located within amino acids 120 - 170 of NALP3.

#### Product Application Details

- **Applications**: Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunocytochemistry
- **Recommended Dilutions**: Western Blot 1-2 ug/ml, ELISA 1:100-1:2000, Immunocytochemistry/Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin, Immunocytochemistry
Images

Western Blot: NLRP3/NALP3 Antibody [NBP1-77080] - Analysis of NALP3 in K562 cell lysate with NALP3 antibody at 1 μg/mL (A) in the absence and (B) in the presence of blocking peptide.

Immunocytochemistry: NLRP3/NALP3 Antibody [NBP1-77080] - Staining of NALP3 in K562 cells with NALP3 antibody at 2 μg/mL.


Lu C, Xu W, Shao J et al. Nrf2 Activation Is Required for Ligustrazine to Inhibit Hepatic Steatosis in Alcohol-Preferring Mice and Hepatocytes Toxicol. Sci Feb 1 2017 12:00AM [PMID: 27837167] (Mouse)


Chi W, Chen H, Li F et al. HMGB1 promotes the activation of NLRP3 and caspase-8 inflammasomes via NF-kB pathway in acute glaucoma. J Neuroinflammation. 2015 Jul 30 [PMID: 26224068] (WB, Mouse)


Agostini L, Martinon F, Burns K et al. NALP3 forms an IL-1beta-processing inflammasome with increased activity in Muckle-Wells autoinflammatory disorder. Immunity; 20:319-25. 2004 [PMID: 15030775]


Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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