

# Product Datasheet

## NLRP3/NALP3 Antibody NBP2-76806

Unit Size: 0.1 mg

Store at -20 degrees C. Avoid freeze/thaw cycles.

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**NBP2-76806****NLRP3/NALP3 Antibody**

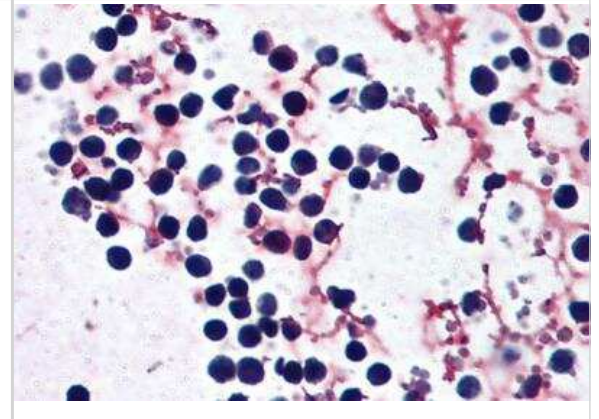
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20 degrees C. Avoid freeze/thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
<b>Target Molecular Weight</b>	106 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat NLRP3/NALP3 Antibody (NBP2-76806) is a polyclonal antibody validated for use in IHC and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	114548
<b>Gene Symbol</b>	NLRP3
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize all reported isoforms (NP_004886.3; NP_899632.1; NP_001120933.1; NP_001120934.1). Reported variants NP_001073289.1 and NP_004886.3 represent identical protein.
<b>Immunogen</b>	Peptide with sequence RDLYEKAKRDEPK-C corresponding to N-Terminus (near)of NLRP3/NALP3 Antibody according to NP_004886.3, NP_899632.1, NP_001120933.1, NP_001120934.1.

<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Immunohistochemistry 5 ug/ml, Immunohistochemistry-Paraffin, Peptide ELISA Detection Limit 1:32000
<b>Application Notes</b>	WB: Preliminary experiments gave an approx. 36 kDa band in human peripheral blood mononucleocytes lysates after 1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the smallest calculated size of 106 kDa band according to NP_899632.1. The 36 kDa band was successfully blocked by incubation with the immunizing peptide.

## Images

Immunohistochemistry-Paraffin: NLRP3/NALP3 Antibody [NBP2-76806]  
- Staining of paraffin embedded Human peripheral blood leukocytes.  
Steamed antigen retrieval with citrate buffer pH 6, AP-staining.





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### Products Related to NBP2-76806

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00114548-P01-2ug	Recombinant Human NLRP3/NALP3 GST (N-Term) Protein

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### 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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