

# Product Datasheet

## NLRP2/NALP2 Antibody - BSA Free NB100-56154

Unit Size: 0.05 ml

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

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**NB100-56154****NLRP2/NALP2 Antibody - BSA Free**

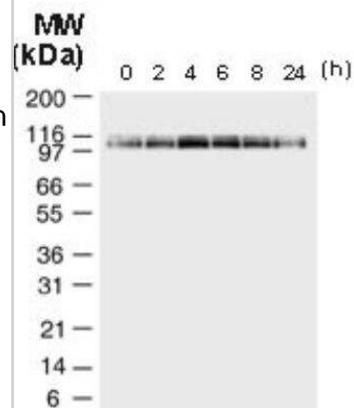
<b>Product Information</b>	
<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	Whole antisera

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit NLRP2/NALP2 Antibody - BSA Free (NB100-56154) is a polyclonal antibody validated for use in IHC, WB and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	55655
<b>Gene Symbol</b>	NLRP2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Performs similarly to the NALP2/PAN1/PYPAF2 which is cited in Bruey et al, 2004. The two antibodies are made against different portions of the NALP2 protein.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 144-159 (LGKEVFKGKKPKDNR) of human NALP2/PAN1/PYPAF2 was used as immunogen; GenBank no. gi 8923473 ref NP_060322.1 .

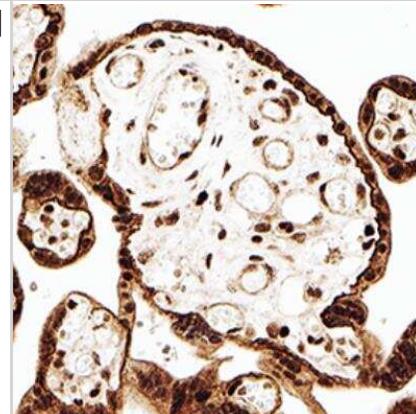
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunoprecipitation 1:50-1:200, Immunohistochemistry-Paraffin 1:1000-1:5000
<b>Application Notes</b>	Detected NALP2 at approx. 110 kDa in THP-1 cells.

## Images

Western Blot: NLRP2/NALP2 Antibody [NB100-56154] - Analysis of NLRP2/NALP2 in differentiated THP-1 cells following IFN (interferon) stimulation using NALP2 antibody at 1:2000. TPA-differentiated THP-1 cells were cultured with 1000 units of IFN $\gamma$  for 0-24 hours as described in Bruey et al, 2004. Culturing differentiated THP-1 with IFN $\gamma$  resulted in transient elevations in NALP2 expression which peaked at 4-8 h after IFN $\gamma$  treatment.



Immunohistochemistry-Paraffin: NLRP2/NALP2 Antibody [NB100-56154] - NLRP2 was detected in immersion fixed paraffin-embedded sections of human placenta using Rabbit Anti-Human NLRP2 polyclonal Antibody (Catalog # NB100-56154) at 1:1000 for 1 hour at room temperature followed by incubation with the Anti-Rabbit IgG VisUCyte™ HRP Polymer Antibody (Catalog # VC003). Tissue was stained using DAB (brown) and counterstained with hematoxylin (blue). Specific staining was localized to the cytoplasm in horionic villi.





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### **Products Related to NB100-56154**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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