

Product Datasheet

NLRP2/NALP2 Antibody - BSA Free NB100-56155

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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NB100-56155**NLRP2/NALP2 Antibody - BSA Free**

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

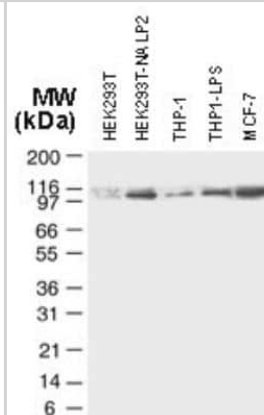
Product Description	
Description	Novus Biologicals Rabbit NLRP2/NALP2 Antibody - BSA Free (NB100-56155) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-NLRP2/NALP2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55655
Gene Symbol	NLRP2
Species	Human
Immunogen	A synthetic peptide corresponding to amino acids 97-115 (LKSFNKRKPLSLGITRKER) of human NALP2/PAN1/PYPAF2 was used as immunogen; GenBank no. gi 8923473 ref NP_060322.1

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunoprecipitation 1:50-1:200, Immunohistochemistry-Paraffin 1:2000-1:5000
Application Notes	Detected NALP2 at approx. 110 kDa in various cell line lysates and in NALP2 transfected cells (Bruey et al, 2004).

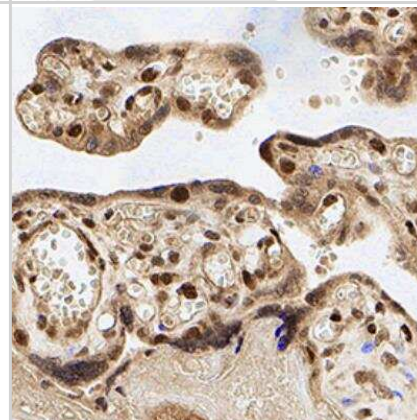


Images

Western Blot: NLRP2/NALP2 Antibody [NB100-56155] - Analysis of NLRP2/NALP2 using antibody at 1:2000. HEK293T: mock transfected cells, HEK293T-NALP2:NALP2 transiently transfected cells; THP-1: untreated cells; THP1-LPS: cells treated with 1 ug/ml LPS for 4h. MCF-7: untreated cells.



Immunohistochemistry-Paraffin: NLRP2/NALP2 Antibody [NB100-56155] - NLRP2 was detected in immersion fixed paraffin-embedded sections of human placenta using Rabbit Anti-Human NLRP2 polyclonal Antibody (Catalog # NB100-56155) at 1:500 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.



Publications

Bruey JM, Bruey-Sedano N, Newman R et al. PAN1/NALP2/PYPAF2, an inducible inflammatory mediator that regulates NF-kappaB and caspase-1 activation in macrophages. *J Biol Chem.* 2004-12-10 [PMID: 15456791] (WB, Human)

Details:

Western Blot, Figs 1, 2, 3, 4, 5, 6, 7, 8: various human cell lysates including THP-1 and MCF-7). Validation of NALP2 antibody specificity by siRNA knockdown, Fig. 5B.



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Products Related to NB100-56155

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

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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