

Product Datasheet

NAIP Antibody - BSA Free NBP1-77196

Unit Size: 0.1 mg

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

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Publications: 1

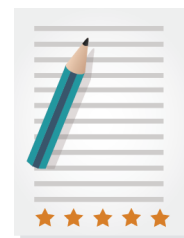
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NBP1-77196

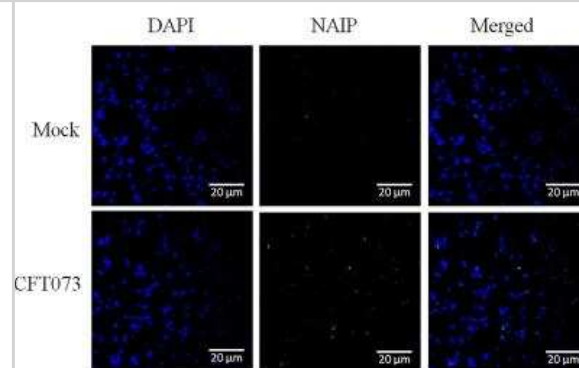
NAIP Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
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	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	155 kDa
Product Description	
Description	Novus Biologicals Rabbit NAIP Antibody - BSA Free (NBP1-77196) is a polyclonal antibody validated for use in WB, ELISA, ICC/IF and IP. Anti-NAIP Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4671
Gene Symbol	NAIP
Species	Human, E. coli
Reactivity Notes	E. coli reactivity reported in scientific literature (PMID: 31551961).
Specificity/Sensitivity	Minor, lower molecular weight bands may represent alternately spliced forms.
Immunogen	NAIP antibody was raised against a synthetic peptide corresponding to 13 amino acids at the C-terminus of human NAIP. The immunogen is located within amino acids 1200 - 1250 of NAIP.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunomicroscopy, Immunoprecipitation, SDS-Page
Recommended Dilutions	Western Blot 0.5-1 ug/ml, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 10-20 ug/mL, Immunoprecipitation, Immunomicroscopy, SDS-Page
Application Notes	Use in SDS- Page , Immunoprecipitation and Immunomicroscopy reported in scientific literature (PMID:31551961). Molecular Weight: Predicted: 137, 154 kDa; Observed: 155 kDa

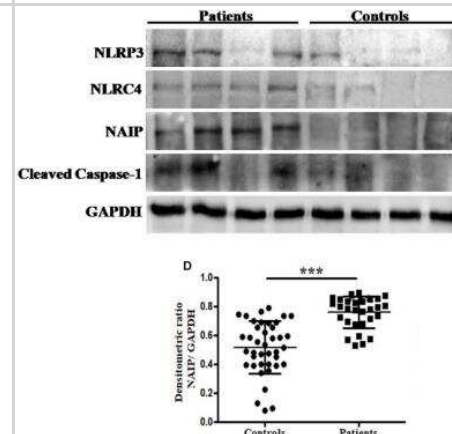


Images

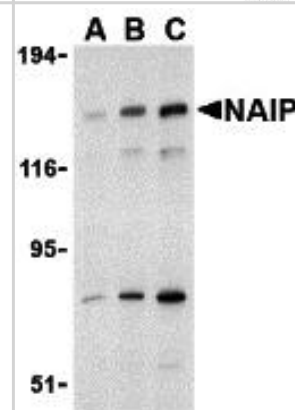
Immunocytochemistry/Immunofluorescence: NAIP Antibody [NBP1-77196] - Confocal microscopy analysis of NAIP expression in THP-1m with or without CFT073 stimulation. NLRC4 and NAIP expression in THP-1m, 6 h post stimulation with or without (mock) CFT073 was examined with confocal microscopy analysis using anti-NAIP antibody. Alexa fluor 488 (green) was used to detect anti-NAIP antibody. Nucleus of cells were stained with DAPI (blue). Results are representative of three independent experiments. Image collected and cropped by CiteAb from the following publication (frontiersin.org/article/10.3389/fmicb.2019.02020/full) licensed under a CC-BY license.



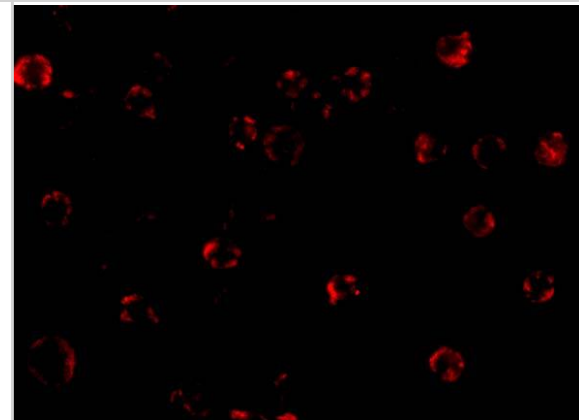
Western Blot: NAIP Antibody [NBP1-77196] - Analysis of NLRP3, NLRC4, NAIP, AIM2, ASC, Caspase-4, Caspase-1, B-actin and GAPDH protein expression by immunoblotting. (A) Represents the immunoblotting results of NLRP3, NLRC4, NAIP, Caspase-1, GAPDH of UPEC infected UTI patients and controls group. Scattered plots showing individual densitometric values (IDV) of NAIP (D). Results were expressed as average densitometric ratio in patients and controls group $\pm$ SD. P-value is $***p = 0.0001$ and n.s., non-significant. anti-NLRP3 antibody (NBP1-77080), anti-NLRC4 antibody (NBP2-41124), anti-Caspase-1 antibody (NBP1-45433). Image collected and cropped by CiteAb from the following publication (frontiersin.org/article/10.3389/fmicb.2019.02020/full) licensed under a CC-BY license.



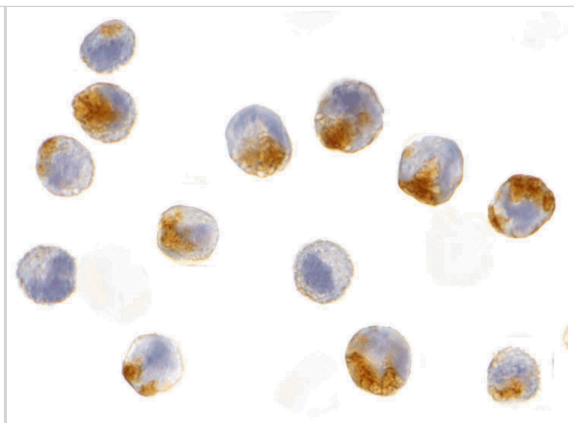
Western Blot: NAIP Antibody - BSA Free [NBP1-77196] - Western blot analysis of NAIP in human tonsil tissue lysate with NAIP antibody at 1 μ g/mL.



Immunocytochemistry/ Immunofluorescence: NAIP Antibody - BSA Free [NBP1-77196] - Immunofluorescence of NAIP in A549 cells with NAIP antibody at 20 μ g/mL.



Immunocytochemistry/ Immunofluorescence: NAIP Antibody - BSA Free [NBP1-77196] - Immunocytochemistry of NAIP in A549 cells with NAIP antibody at 10 ug/mL.



Publications

Verma V, Gupta S, Kumar P et al. Involvement of NLRP3 and NLRC4 Inflammasome in Uropathogenic E. coli Mediated Urinary Tract Infections Front Microbiol 2019-09-26 [PMID: 31551961] (WB, IM, PAGE, IP, E. coli)



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Products Related to NBP1-77196

NBP1-77196PEP	NAIP Antibody Blocking Peptide
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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