

Product Datasheet

Caspase-4 Antibody - BSA Free NBP1-77208

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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NBP1-77208

Caspase-4 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

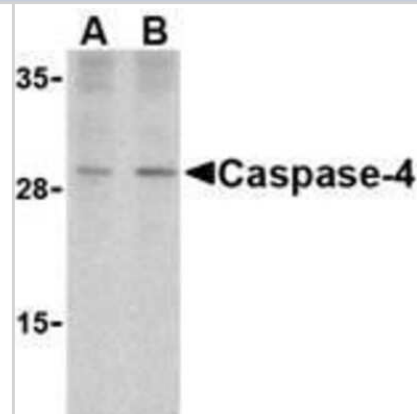
Product Description	
Host	Rabbit
Gene ID	837
Gene Symbol	CASP4
Species	Human
Specificity/Sensitivity	Depending on cell lines or tissues used, other cleavage products may be observed.
Immunogen	Antibody was raised against a 15 amino acid synthetic peptide from near the center of human Caspase-4. The immunogen is located within amino acids 100 - 150 of Caspase-4. Amino Acid Sequence: ERAEIIYPIKERNNR

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 2 ug/ml

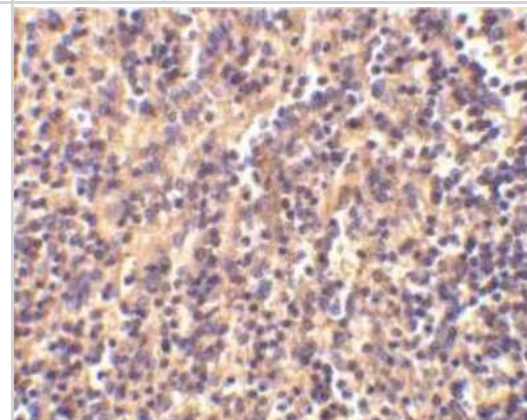


Images

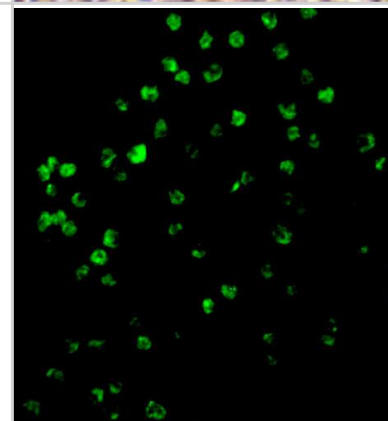
Western Blot: Caspase-4 Antibody [NBP1-77208] - Human spleen cells with caspase-4 antibody at (A) 1 and (B) 2 ug/ml.



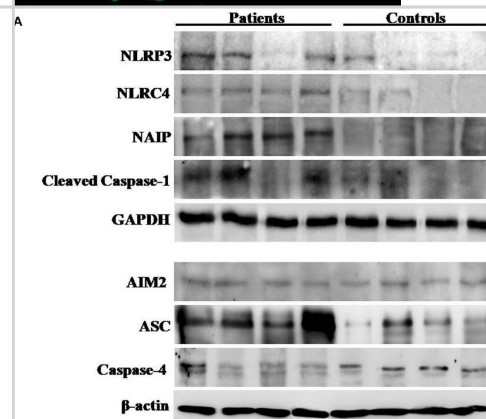
Immunohistochemistry-Paraffin: Caspase-4 Antibody [NBP1-77208] - Human spleen tissue using caspase-4 antibody at 2 ug/ml.



Immunocytochemistry/ Immunofluorescence: Caspase-4 Antibody - BSA Free [NBP1-77208] - Immunofluorescence of Caspase-4 in A20 cells with Caspase-4 antibody at 10 ug/mL.



Analysis of NLRP3, NLRC4, NAIP, AIM2, ASC, Caspase-4, Caspase-1, β -actin and GAPDH protein expression by immunoblotting. (A) Represents the immunoblotting results of NLRP3, NLRC4, NAIP, Caspase-1, GAPDH, AIM2, ASC, Caspase-4 and β -actin in UPEC infected UTI patients and controls group. Scattered plots showing individual densitometric values (IDV) of NLRP3 (B), NLRC4 (C), NAIP (D), AIM2 (E), ASC (F), Caspase-4 (G), and Caspase-1 (H). Results were expressed as average densitometric ratio in patients and controls group +/- SD. P-value is $\square\square\square p = 0.0001$ and n.s., non-significant. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/31551961>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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 Sep 03 [PMID: 31551961] (WB, E. coli)



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Products Related to NBP1-77208

NBP3-11853	Jurkat Staurosporine Treated / Untreated Cell Lysate
NBP1-77208PEP	Caspase-4 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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