

Product Datasheet

Caspase-4 Antibody - BSA Free NBP1-76602

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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NBP1-76602

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

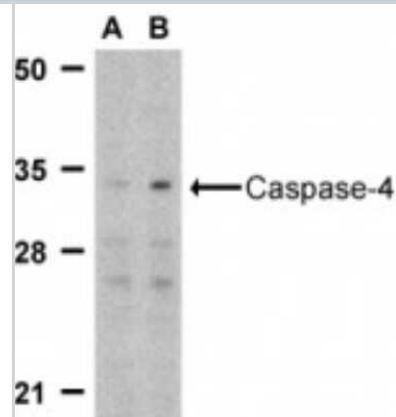
Product Description	
Host	Rabbit
Gene ID	837
Gene Symbol	CASP4
Species	Human, Mouse
Specificity/Sensitivity	Depending on cell lines or tissues used, other cleavage products may be observed.
Immunogen	Antibody was raised against a 16 amino acid synthetic peptide from the amino-terminus of human Caspase-4. The immunogen is located within amino acids 20 - 70 of Caspase-4. Amino Acid Sequence: KEEKKKKYYDAKTEDK

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5-1 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 2 ug/ml

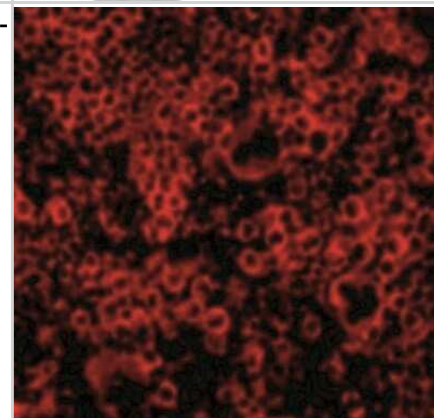


Images

Western Blot: Caspase-4 Antibody [NBP1-76602] - Analysis of Caspase 4 in Ramos cells with anti-Caspase 4 (NT) using NBP1-76602 at (A) 0.5 and (B) 1 ug/ml.



Immunocytochemistry/Immunofluorescence: Caspase-4 Antibody [NBP1-76602] - Immunofluorescence of Caspase-4 in Mouse Spleen 100 cells with Caspase-4 antibody at 10 ug/mL.



Immunohistochemistry-Paraffin: Caspase-4 Antibody [NBP1-76602] - Mouse spleen using caspase-4 antibody at 2 ug/ml.



Publications

Fei Gao, Dian Xiong, Zhaorui Sun, Jingbo Shao, Dong Wei, Shinan Nie ARC DPBNPs suppress LPS-induced acute lung injury via inhibiting macrophage pyroptosis and M1 polarization by ERK pathway in mice. International immunopharmacology 2024-04-10 [PMID: 38457983]

Quach J, Moreau F, Sandall C, Chadee k. Entamoeba histolytica-induced IL-1B secretion is dependent on caspase-4 and gasdermin D. Mucosal Immunol. 2018-10-25 [PMID: 30361535]



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Products Related to NBP1-76602

NBP3-11853	Jurkat Staurosporine Treated / Untreated Cell Lysate
NBP1-76602PEP	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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