

Caspase 1 p20 (Cleaved Asp296) Polyclonal Antibody

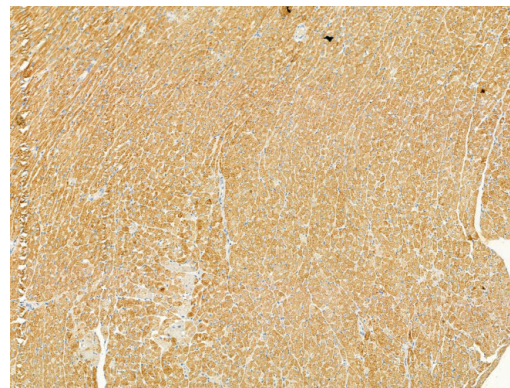
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human CASP1(Accession P29466), corresponding to amino acid residues I280-V299.
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2818323

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	4 Publications
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	-	2 Publications

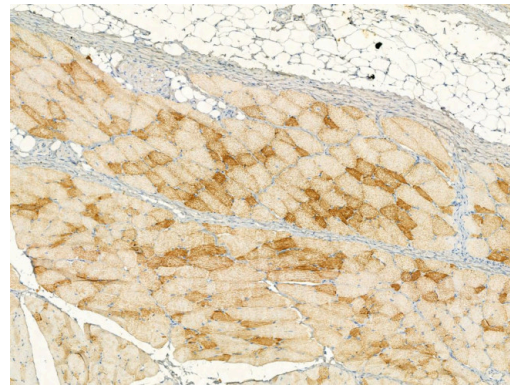
Product Specific Information

Antibody detects endogenous levels of fragment of activated Caspase-1 resulting from cleavage adjacent to Asp296.

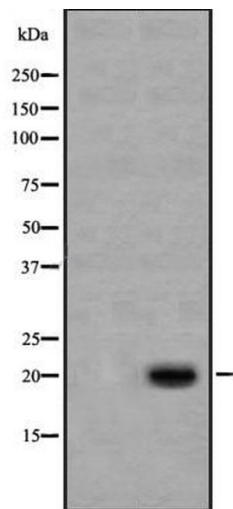
Product Images For Caspase 1 p20 (Cleaved Asp296) Polyclonal Antibody



Caspase 1 p20 (Cleaved Asp296) Antibody (PA5-99390) in IHC (P)
Immunohistochemistry analysis of Caspase 1 p20 (Cleaved Asp296) in rat heart tissue. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. Samples were incubated with Caspase 1 p20 (Cleaved Asp296) polyclonal antibody (Product # PA5-99390) using a dilution of 1:100 (4°C overnight) followed by HRP conjugated anti-Rabbit secondary antibody.



Caspase 1 p20 (Cleaved Asp296) Antibody (PA5-99390) in IHC (P)
Immunohistochemistry analysis of Caspase 1 p20 (Cleaved Asp296) in rat skin tissue. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. Samples were incubated with Caspase 1 p20 (Cleaved Asp296) polyclonal antibody (Product # PA5-99390) using a dilution of 1:100 (4°C overnight) followed by HRP conjugated anti-Rabbit secondary antibody.



Caspase 1 p20 (Cleaved Asp296) Antibody (PA5-99390) in WB
Western blot analysis of Caspase 1 p20 (Cleaved Asp296) in Jurkat cell lysate. Samples were incubated with Caspase 1 p20 (Cleaved Asp296) polyclonal antibody (Product # PA5-99390).

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Western Blot (4)

PeerJ	Year 2023
Breviscapine alleviates podocyte injury by inhibiting NF-B/NLRP3-mediated pyroptosis in diabetic nephropathy.	Species Mouse
"PA5-99390 was used in Western Blotting to demonstrate that Bre alleviates HG-induced podocyte injury and improves renal function in diabetic mice, at least in part by inhibiting NF-B/NLRP3-mediated pyroptosis."	Dilution 1:1000
Authors: Sun L,Ding M,Chen F,Zhu D,Xie X	
Frontiers in cardiovascular medicine	Year 2023
Ticagrelor reduces doxorubicin-induced pyroptosis of rat cardiomyocytes by targeting GSK-3/caspase-1.	
"Published figure using Caspase 1 p20 (Cleaved Asp296) polyclonal antibody (Product # PA5-99390) in Western Blot"	
Authors: Wang SH,Sun MJ,Ding SY,Liu CL,Wang JM,Han SN,Lin X,Li Q	

[View more WB references on thermofisher.cn](#)

Immunohistochemistry (2)

Frontiers in cardiovascular medicine	Year 2023
Ticagrelor reduces doxorubicin-induced pyroptosis of rat cardiomyocytes by targeting GSK-3/caspase-1.	
"Published figure using Caspase 1 p20 (Cleaved Asp296) polyclonal antibody (Product # PA5-99390) in Western Blot"	
Authors: Wang SH,Sun MJ,Ding SY,Liu CL,Wang JM,Han SN,Lin X,Li Q	
Frontiers in aging neuroscience	Year 2022
Salidroside Ameliorates Alzheimer's Disease by Targeting NLRP3 Inflammasome-Mediated Pyroptosis.	
"Published figure using Caspase 1 p20 (Cleaved Asp296) polyclonal antibody (Product # PA5-99390) in Immunohistochemistry"	
Authors: Cai Y,Chai Y,Fu Y,Wang Y,Zhang Y,Zhang X,Zhu L,Miao M,Yan T	

More applications with references on thermofisher.cn

ICC/IF (2)

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