

CRP Polyclonal Antibody

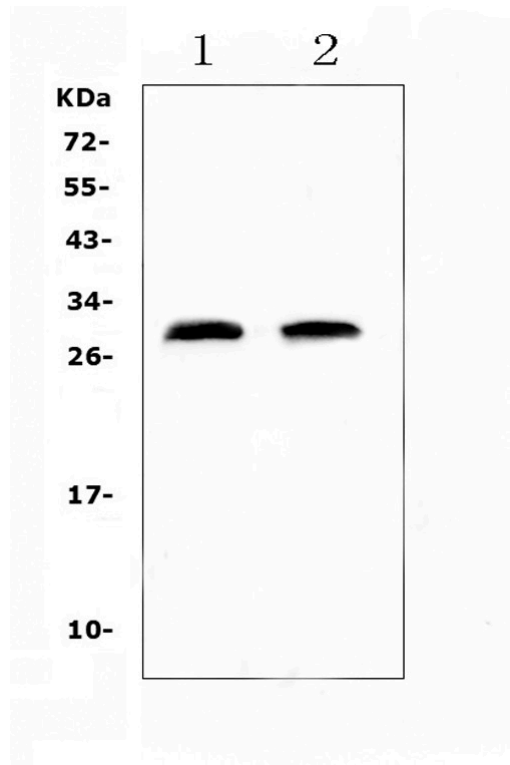
Product Details	
Size	100 µg
Species Reactivity	Rat
Published Species	Rat, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived rat C Reactive Protein recombinant protein (Position: H20-S230).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage conditions	-20°C
RRID	AB_2746186

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	2 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-

Product Specific Information

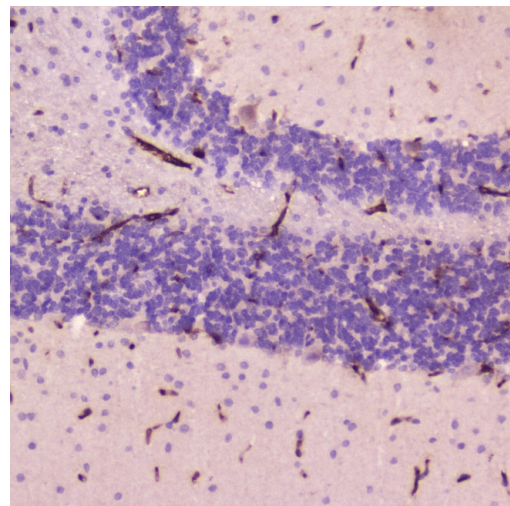
Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For CRP Polyclonal Antibody



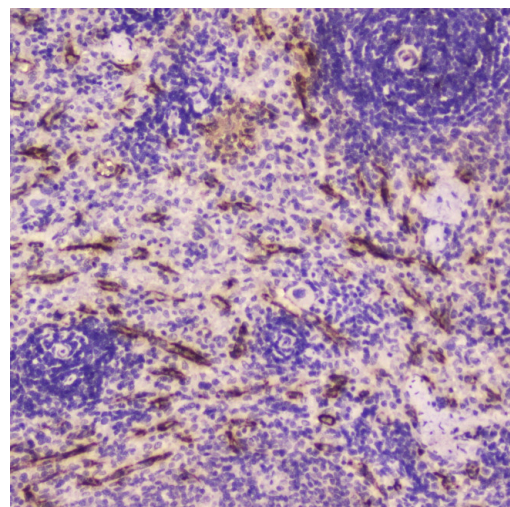
CRP Antibody (PA5-79070) in WB

Western blot analysis of C Reactive Protein in, Lane 1: rat heart tissue lysates, Lane 2: rat lung tissue lysates. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50 µg of sample under reducing conditions. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. The membrane was blocked with 5% Non-fat Milk/ TBS for 1. 5 hour at RT. The membrane was incubated with CRP Polyclonal Antibody (Product # PA5-79070) at 0.5 g/mL overnight at 4, then washed with TBS-0. 1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1. 5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit. A specific band was detected for C Reactive Protein at approximately 28KD. The expected band size for C Reactive Protein is at 25KD.



CRP Antibody (PA5-79070) in IHC (P)

Immunohistochemistry analysis of CRP on paraffin-embedded rat cerebellum tissue. Antigen retrieval was performed using citrate buffer (pH6, epitope retrieval solution) for 20 mins. Sample was blocked using 10% goat serum, incubated with CRP polyclonal antibody (Product# PA5-79070) with a dilution of 2 µg/mL (overnight at 4°C), followed by biotinylated goat anti-rabbit IgG (30 minutes at 37° C). Development was performed using Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.



CRP Antibody (PA5-79070) in IHC (P)

Immunohistochemistry analysis of CRP on paraffin-embedded rat spleen tissue. Antigen retrieval was performed using citrate buffer (pH6, epitope retrieval solution) for 20 mins. Sample was blocked using 10% goat serum, incubated with CRP polyclonal antibody (Product# PA5-79070) with a dilution of 2 µg/mL (overnight at 4°C), followed by biotinylated goat anti-rabbit IgG (30 minutes at 37° C). Development was performed using Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.

3 References

Western Blot (2)

Cellular and molecular biology (Noisy-le-Grand, France)

The mechanism of lncRNA TALNEC2 regulating miR-19a-3p/JNK to alleviate cerebral ischemia injury in rats with acute cerebral infarction.

"PA5-79070 was used in Western Blotting to investigate the fundamental molecular function of the TALNEC2 in the pathogenesis of cerebral infarction to provide insights on the potential novel therapeutic agents in cerebral infarction."

Authors: Luan D,Jiang C

Year

2022

Species

Human

Dilution

1:1000

Molecules (Basel, Switzerland)

Tart Cherry Juice and Seeds Affect Pro-Inflammatory Markers in Visceral Adipose Tissue of High-Fat Diet Obese Rats.

"PA5-79070 was used in Immunohistochemistry to investigate the potential positive effects of tart cherries on rats with Diet-Induced Obesity (DIO)."

Authors: Moruzzi M,Klötting N,Blüher M,Martinelli I,Tayebati SK,Gabrielli MG,Roy P,Micioni Di Bonaventura MV,Cifani C,Lupidi G,Amenta F,Tomassoni D

Year

2021

Species

Rat

Immunohistochemistry (1)

Molecules (Basel, Switzerland)

Tart Cherry Juice and Seeds Affect Pro-Inflammatory Markers in Visceral Adipose Tissue of High-Fat Diet Obese Rats.

"PA5-79070 was used in Immunohistochemistry to investigate the potential positive effects of tart cherries on rats with Diet-Induced Obesity (DIO)."

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Year

2021

Species

Rat

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