

C Reactive Protein Antibody

Rabbit mAb Catalog # AP90391

Specification

C Reactive Protein Antibody - Product Information

Application WB, IHC, IP
Primary Accession P02741
Clonality Monoclonal

Other Names

CRP; Pentraxin 1; PTX1; C reactive protein pentraxin related;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 25039 Da

C Reactive Protein Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500

IP~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

C Reactive Protein

Description Serum CRP values are routinely measured

to detect or monitor many human diseases and minor elevations of C-reactive protein are predictive of cardiovascular events in patients with coronary heart disease. CRP promotes host defense, is an efficient activator of the classical C cascade, and shown to be opsonic. The opsonic and C activation activities are responsible for the

nonspecific host defense activities providing protection in the preimmune

stage of acute infections.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

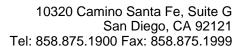
freeze / thaw cycle.

C Reactive Protein Antibody - Protein Information

Name CRP

Synonyms PTX1

Function





Displays several functions associated with host defense: it promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells.

Cellular Location Secreted.

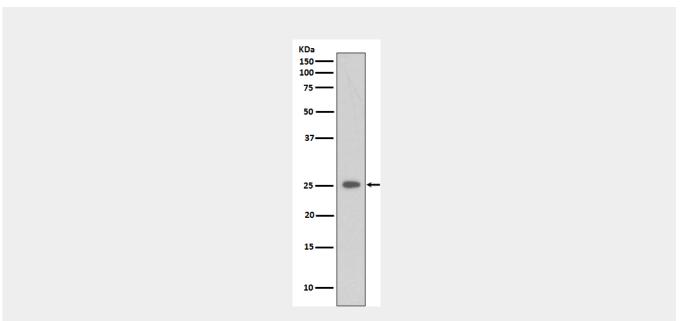
Tissue Location Found in plasma.

C Reactive Protein Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

C Reactive Protein Antibody - Images



Western blot analysis of CRP expression in Etoposide treated 293 whole cell lysates.