10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

C Reactive Protein Antibody

Rabbit mAb
Catalog # AP90391

Product Information

Application	WB, IHC, IP
Primary Accession	P02741
Reactivity	Human
Clonality	Monoclonal
Other Names	CRP; Pentraxin 1; PTX1; C reactive protein pentraxin related;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	25039

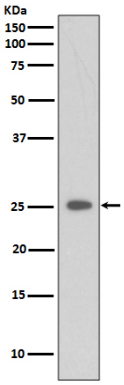
Additional Information

Dilution	WB 1:1000~1:2000 IHC 1:500~1:1000 IP 1:50
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.

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.

Images



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

Image not found : 202311/AP90391-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human liver, using C Reactive Protein Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.