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C Reactive Protein Antibody

Rabbit mAb
Catalog # AP93254

Product Information

Application	WB
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 1:500~1:2000
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.

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