



CRPPolyclonal Antibody

E90224

Catalog Number: E90224

Amount: 100ul

Background: Human c-Reactive protein (CRP) was discovered in serum of patients as a nonantibody precipitin of the C-polysaccharide from pneumococci(1). During acute infection, the amounts of circulating CPR increases 100-1000 fold (2). 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 (3). CRP promotes host defense, is an efficient activator of the classical C cascade, and shown to be opsonic (4).The opsonic and C activation activities are responsible for the nonspecific host defense activities providing protection in the preimmune stage of acute infections. Additionally, IL-1 and IL-6 are known to stimulate CRP biosynthesis (5).

Species: Rabbit

Isotype: IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: CRP;MGC149895;MGC88244;PTX1 ;

Immunogen: Recombinant proteinof human CRP

Purification: Affinity purification

Reactivity: H M R

Applications: WB IHC

Molecular Weight: 25kDa

Swiss-Prot No. : P02741

Gene ID: 1401

References: 1. Tillet, W. S. & Francis, T. (1930) J. Exp. Med. 52,561-571 2. Kushner, I. (1982) Ann. N. Y. Acad. Sci. 389.39-48 3. Ridker, P. M.; Rifai, N.; Rose, L.; Buring, J. E.; Cook, N. R. : New Eng. J. Med. 347: 1557-1565, 2002. 4. Mortensen, R. F., Osmand, A. P., Lint, T. F. & Gewurz, H. (1976) J. Immunol. 117,774-781. 5. Kleemann R, Gervois PP, Verschuren L, Staels B, Princen HM, Kooistra T. Blood. 2003 Jan 15;101(2):545-51.

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