

## **CRPPolyclonal Antibody**

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

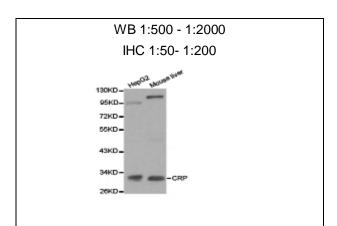
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 25kDa
Swiss-Prot No.: P02741

**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.



Western blot analysis of extracts of HepG2 cells and mouse liver tissue, using CRP antibody. Immunohistochemical analysis of paraffin-embedded human normal liver tissue using CRP antibody.