Polyclonal Anti-C reactive protein, ***CRP*** **(Sepharose Bead Conjugate)**

Catalogue No. PA1028-S

Lot No. 03A01

Ig type: rabbit

IgG **Size:** 100µg/vial

Specificity

Human, mouse, rat. No cross reactivity with other proteins.

Recommended application

Immunoprecipitation(IP)

Immunogen

A synthetic peptide corresponding to a sequence at the N-terminal of human CRP, identical to the related rat and mouse sequence.

Purification

Immunogen affinity purified.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN_3a_3 preservative.

Storage

Store at 4˚C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

BACKGROUND

C Reactive Protein (CRP) is a major acute phase reactant synthesized primarily in the liver hepatocytes. It is composed of 5 identical, 21,500-molecular weight subunits. CRP mediates activities associated with preimmune nonspecific host resistance. CRP shows the strongest association with cardiovascular events. It is detectable on the surface of about 4% of normal peripheral blood lymphocytes. Acute phase reactant CRP is produced in the liver.

REFERENCE

1. Kilpatrick, J. M.; Volanakis, J. E. : Molecular genetics, structure, and function of C-reactive protein. *Immun. Res.* 10: 43-53, 1991. 2.Kuta, A. E.; Baum, L. L. : C-reactive protein is produced by a small number of normal human peripheral blood lymphocytes. *J. Exp. Med.* 164: 321-326, 1986.

3.Oliveira, E. B.; Gotshlich, E. C.; Liu, T. : Primary structure of human C-reactive protein. *J. Biol. Chem.* 254: 489-502, 1979.

Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email:Info@antageneinc.com