

## CRP Antibody

Catalog No: #32023

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## Description

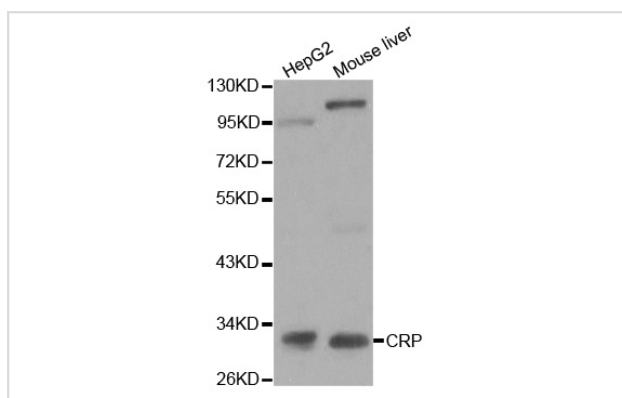
Product Name	CRP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total CRP protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CRP.
Target Name	CRP
Other Names	CRP; MGC149895; MGC88244; PTX1;
Accession No.	Swiss-Prot:P02741NCBI Gene ID:1401
SDS-PAGE MW	25KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

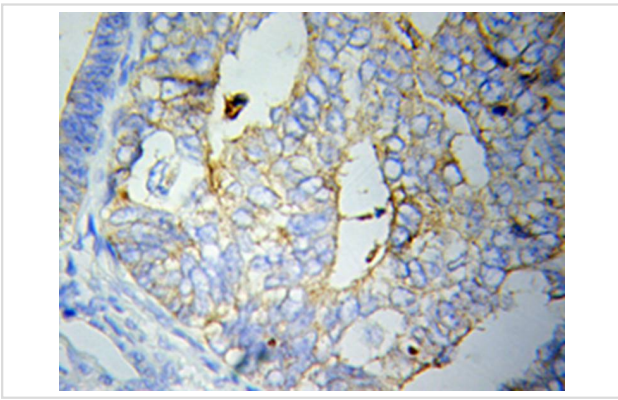
Western blotting: 1:500 - 1:2000

Immunohistochemistry: 1:50 - 1:200

## Images



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.

## 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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.