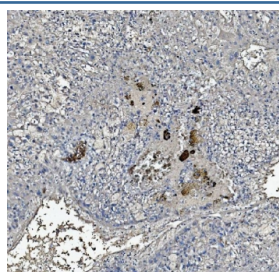


## C Reactive Protein Antibody / CRP (RQ4555)

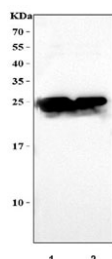
Catalog No.	Formulation	Size
RQ4555	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P02741
<b>Localization</b>	Cytoplasmic, extracellular
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml
<b>Limitations</b>	This C Reactive Protein antibody is available for research use only.



IHC staining of FFPE human liver cancer tissue with C Reactive Protein antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human recombinant protein at 1) 10ng/lane and 2) 5ng/lane with C Reactive Protein antibody at 0.5ug/ml. Predicted molecular weight ~26 kDa.

## Description

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.

## Application Notes

Optimal dilution of the C Reactive Protein antibody should be determined by the researcher.

## Immunogen

Amino acids QTDMSRKAFVFPKESDTSYVSLKAPLTKPLKA were used as the immunogen for the C Reactive Protein antibody.

## Storage

After reconstitution, the C Reactive Protein antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.