

For Research Use Only

# CRP Polyclonal antibody

Catalog Number: 16356-1-AP



## Basic Information

**Catalog Number:**

16356-1-AP

**Size:**

150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG9570

**GenBank Accession Number:**

BC020766

**GeneID (NCBI):**

1401

**UNIPROT ID:**

P02741

**Full Name:**

C-reactive protein, pentraxin-related

**Calculated MW:**

224 aa, 25 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Species Specificity:**

human

## Background Information

C-reactive protein (CRP) is an acute-phase serum protein synthesized by the liver in response to interleukin-6 (IL-6) during inflammation. The name of CRP derives from its ability to react with the C polysaccharide of Streptococcus pneumoniae. CRP is an annular, pentameric protein that belongs to the pentraxin family of proteins. CRP displays several functions associated with host defense: it promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. It is used mainly as a marker of inflammation.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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## Selected Validation Data