

For Research Use Only

# CRP Polyclonal antibody

Catalog Number: 16356-1-AP



## Basic Information

<b>Catalog Number:</b> 16356-1-AP	<b>GenBank Accession Number:</b> BC020766	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 1401	
<b>Source:</b> Rabbit	<b>Full Name:</b> C-reactive protein, pentraxin-related	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 224 aa, 25 kDa	
<b>Immunogen Catalog Number:</b> AG9570		

## 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:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

---

## Selected Validation Data