

For Research Use Only

CRP Polyclonal antibody

Catalog Number: 16356-1-AP



Basic Information

Catalog Number: 16356-1-AP	GenBank Accession Number: BC020766	Purification Method: Antigen affinity purification
Size: 130 µg/ml	GeneID (NCBI): 1401	
Source: Rabbit	UNIPROT ID: P02741	
Isotype: IgG	Full Name: C-reactive protein, pentraxin-related	
Immunogen Catalog Number: AG9570	Calculated MW: 224 aa, 25 kDa	

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

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

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data