

CRP Polyclonal antibody

Catalog Number: 22817-1-AP

Basic Information

Catalog Number:

22817-1-AP

Size:

220 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9883

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

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

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