

Product datasheet for **AP08116PU-S**

C Reactive Protein (CRP) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Formalin Fixed Paraffin Embedded (FFPE) Tissue Sections: 1/50-1/200 using polymer system or streptavidin biotin system, 30 mins. at room temp. Western Blot: 1/100-1/1000. Positive control: Human liver.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Purified human C-reactive protein.
Specificity:	This antibody reacts with human C-reactive protein and does not react with other serum proteins. Cellular localization: Cytoplasmic.
Formulation:	10 mM Tris-HCl, 150 mM NaCl State: Purified State: Liquid purified Ig fraction (>95% pure by SDS page).
Concentration:	lot specific
Purification:	DEAE Anion Exchange Chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C .
Stability:	Shelf life: One year from despatch.
Gene Name:	C-reactive protein, pentraxin-related
Database Link:	Entrez Gene 1401 Human P02741



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Background:

C-reactive protein (CRP) is a plasma protein, an accurate phase protein produced by the liver and by adiposities. CRP is used mainly as a marker of inflammation. Measuring and charting C-reactive protein values can prove useful in determining disease progress or the effectiveness of treatments. in blood. CRP is used mainly as a marker of inflammation. Measuring and charting C-reactive protein values can prove useful in determining disease progress or the effectiveness of treatments. Viral infection tend to give a lower CRP level than bacterial infection. CRP is a general marker for inflammation and infection, so it can be used as a very rough proxy for heart disease risk. The role of inflammation in cancer is not well known. Some organs of the body show greater risk of cancer when they are chronically inflamed.

Synonyms:

PTX1, C Reactive Protein, Pentraxin-related