

Goat anti-Human C-REACTIVE PROTEIN Polyclonal Antibody | anti-CRP antibody

GOAT ANTI HUMAN C-REACTIVE PROTEIN

CATALOG # AAA12241	HOST Goat	REACTIVITY Human	APPLICATIONS ELISA, Immunodiffusion
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PRODUCT SYNONYMS

C-REACTIVE PROTEIN; Polyclonal Antibody; GOAT ANTI HUMAN C-REACTIVE PROTEIN; anti-CRP antibody

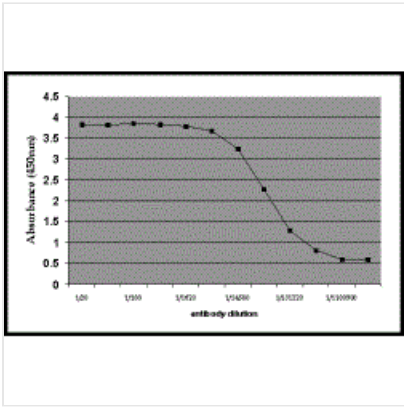
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Goat anti Human C-reactive protein antibody recognizes human C-reactive protein (CRP), a calcium-binding acute phase reactant belonging to the pentraxin family which is secreted into the plasma by the liver, in response to cytokine stimulation. In addition to binding to phosphocholine residues, CRP can bind to other autologous and extrinsic ligands on targets, including damaged cell membranes, ribonucleoprotein particles, apoptotic cells and constituents of micro-organisms, and may activate the classical complement pathway through C1q recognition, making CRP a factor in a variety of host defense mechanisms. Levels of plasma CRP are significantly increased during the acute phase response, tissue injury and infection and can be used as a marker of inflammation, disease progress and risk assessment of cardiovascular disease (CVD).
Purity/Purification	Purified IgG by affinity chromatography.
Form/Format	Purified IgG liquid.
Concentration	Approx. Protein Concentration : IgG concentration: 5.0 mg/mL. (varies by lot)
Sequence Length	224
Applicable Applications for anti-CRP antibody	ELISA, ID (Immunodiffusion)
Application Notes	ELISA: Suggested Dilution: 1/1000 Immunodiffusion: Suggested Dilution: 1/30-1/200 Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.
Buffer Solution	Phosphate buffered saline.
RRID	AB_2057775
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Native human C-reactive protein
Antiserum Preparation	Antisera to human C-reactive protein were raised by repeated immunizations of goats with highly purified antigen.
Target Species	Human

Preparation and Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C upon receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing/thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

IMAGES



Application Data
Human C-Reactive Protein detected using Goat anti Human C-Reactive Protein (AAA12241)

NCBI AND UNIPROT INFORMATION

NCBI GI #	55770842
NCBI GeneID	1401
NCBI Accession #	NP_000558.2
NCBI GenBank Nucleotide #	NM_000567.2
UniProt Accession #	P02741; Q08AK3; Q8WW75; A8K078; D3DVD9; D3DVE0
NCBI Official Full Name	C-reactive protein
NCBI Official Synonym Full Names	C-reactive protein, pentraxin-related
NCBI Official Symbol	CRP
NCBI Official Synonym Symbols	PTX1
NCBI Protein Information	C-reactive protein; pentraxin 1
UniProt Protein Name	C-reactive protein
UniProt Gene Name	CRP
UniProt Synonym Gene Names	PTX1
UniProt Entry Name	CRP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/c-reactive-protein-antibody-immunodiffusion-elisa/12241>