

C-REACTIVE PROTEIN Polyclonal Antibody | anti-CRP antibody

SHEEP ANTI HUMAN C-REACTIVE PROTEIN

CATALOG # AAA50030	APPLICATIONS ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

C-REACTIVE PROTEIN; Polyclonal Antibody; SHEEP ANTI HUMAN C-REACTIVE PROTEIN; CRP; PTX1; anti-CRP antibody

PRODUCT SPECIFICATIONS

Clonality	Polyclonal
Isotype	IgG
Form/Format	Liquid; Purified Purified IgG PBS
Concentration	IgG concentration 5.0mg/ml (varies by lot)
Sequence Length	224
Applicable Applications for anti-CRP antibody	ELISA, IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Native c-reactive protein, from serum
Buffer Solution	Phosphate buffered saline
Antiserum Preparation	Antisera to human CRP were raised by repeated immunisations of sheep with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography on Protein G.
Target Species	Human
Preparation and Storage	It is recommended to aliquot and store at -20°C on 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 and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

ADDITIONAL INFORMATION

Related Product Information for anti-CRP antibody	Sheep anti Human C-Reactive Protein antibody detects human C-reactive protein (CRP), a calcium-binding plasma protein which is significantly up-regulated during the acute phase response. CRP has been shown to bind phosphocholine residues, apoptotic cells and constituents of micro-organisms, and can lead to activation of leukocytes and the complement system, and the clearance of apoptotic cells. CRP is produced in the liver in response to interleukin-1 (IL-1) and IL-6 secretion, and has a monomer molar mass of 25kDa, and native cyclic pentamer mass of 125kDa.
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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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/c-reactive-protein-antibody-immunohistochemistry-elisa/50030>