

Rabbit CRP Polyclonal Antibody | anti-CRP antibody

Rabbit anti CRP (NT) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71332	Rabbit	Human, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA

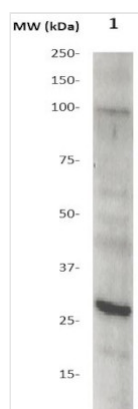
PRODUCT SYNONYMS

CRP; Polyclonal Antibody; Rabbit anti CRP (NT) Polyclonal Antibody; C-reactive protein; Pentraxin 1; anti-CRP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody recognizes ~25 kDa of human CRP protein. It cross-reacts to human, mouse and rat origins.
Purity/Purification	Purified by Epitope Affinity Purification
Form/Format	Supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Applicable Applications for anti-CRP antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA
Preparation	A synthetic peptide corresponding to the N-terminus of human CRP protein (from 67aa-75aa). This sequence is identical to human, mouse and rat.
Cellular Localization	Cell Membrane
Positive Control	Kidney Tissue
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C - 8°C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

Western Blot: The recombinant protein of full length human CRP (10 ug/lane) was blotted by Rabbit anti CRP (NT) (Cat#601-300) at 1:500. An immunoreactive band was observed at ~25 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CRP antibody	C-Reactive Protein (CRP) belongs to the pentaxin family. It was discovered in serum of patients as a non-antibody precipitin of C-plysaccharide from pneumococci. It is involved in several host defense related functions based on its ability to recognize foreign pathogens and damaged cells of the host and to initiate their elimination by interacting with humoral and cellular effector systems in the blood. Consequently, the level of this protein in plasma increases greatly during acute phase response to tissue injury, infection, or other inflammatory stimuli. Serum CRP values are routinely measured to detect or monitor many human diseases and minor elevations of C-reactive protein are predictive of cardiovascular events in patients with coronary heart disease.
References	Du Clos, T.W., Zlock, L.T. and Marnell, L. Definition of a C-reactive protein binding determinant on histones. J. Biol. Chem. 266 (4), 2167-2171 (1991).

NCBI AND UNIPROT INFORMATION

NCBI GeneID	1401
Molecular Weight	25.0

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://stage.aaabiotech.com/polyclonal/crp-antibody-western-blot-immunoprecipitation-immunohistochemistry-flow-cytometry-elisa/71332>