



Anti-C Reactive Protein polyclonal antibody [FITC] (CPBT-29540GH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Goat Polyclonal antibody to Human CRP.
Antigen Description	The protein encoded by this gene belongs to the pentaxin family. 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.
Specificity	Found in plasma.
Target	C Reactive Protein
Immunogen	Unfortunately, this information is considered to be commercially sensitive
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	FITC
Applications	ICC
Sequence Similarities	Belongs to the pentaxin family.Contains 1 pentaxin domain.
Cellular Localization	Secreted.
Format	Liquid

Size	1 mg
Buffer	Preservative: 0.1% Sodium Azide Constituents: 0.2% BSA, PBS, pH 7.2
Preservative	0.1% Sodium Azide
Storage	Store at +4°C.

GENE INFORMATION

Gene Name	CRP C-reactive protein, pentraxin-related [Homo sapiens]
Official Symbol	CRP
Synonyms	CRP; C-reactive protein, pentraxin-related; C-reactive protein; pentraxin 1; PTX1; C reactive protein pentraxin related; C-reactive protein(1-205); CRP; CRP_HUMAN; MGC88244; PTX 1; PTX1; OTTHUMP00000033307;
Entrez Gene ID	1401
Protein Refseq	NP_000558
UniProt ID	P02741
Chromosome Location	1q21-q23
Pathway	Classical antibody-mediated complement activation, organism-specific biosystem; Complement cascade, organism-specific biosystem; Creation of C4 and C2 activators, organism-specific biosystem; IL6-mediated signaling events, organism-specific biosystem; Immune System, organism-specific biosystem; Initial triggering of complement, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Selenium Pathway, organism-specific biosystem;
Function	Gram-positive bacterial cell surface binding; binding; cholesterol binding; choline binding; low-density lipoprotein particle binding; metal ion binding; protein binding; protein homodimerization activity;