ARG44271
anti-C Reactive Protein antibody (HRP)

Package: 50 µg
Store at: -20°C

Summary

Product Description	HRP-Conjugate Goat Polyclonal antibody recognizes C Reactive Protein
Tested Reactivity	Hu
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	C Reactive Protein
Species	Human
Immunogen	Synthetic peptide around the internal region of Human C Reactive Protein
Conjugation	HRP
Alternate Names	1-205; PTX1; C-reactive protein

Application Instructions

Application table

Application	Dilution
WB	0.3 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

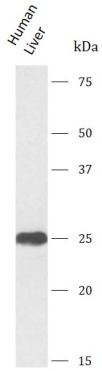
Properties

Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CRP
Gene Full Name	C-reactive protein, pentraxin-related
Background	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. [provided by RefSeq, Sep 2009]
Function	Displays several functions associated with host defense: it promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells. [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



ARG44271 anti-C Reactive Protein antibody (HRP) WB image

Western blot: Human Liver stained with ARG44271 anti-C Reactive Protein antibody (HRP) at 0.3 µg/ml dilution.