

Recombinant

DGRmAb®

C Reactive Protein (DGR36043) Rabbit mAb

db16278

Package : 10µL 20µL 50µL 100µL

Product Name : C Reactive Protein (DGR36043) Rabbit mAb**Cat.No.:** db16278**Synonyms** : PTX1; CRP**Application** : WB, IHC-P**Reactivity** : Human**Host species** : Rabbit**Background**

The protein encoded by this gene belongs to the pentraxin family which also includes serum amyloid P component protein and pentraxin 3. Pentraxins are involved in complement activation and amplification via communication with complement initiation pattern recognition molecules, but also complement regulation via recruitment of complement regulators. The encoded protein has a calcium dependent ligand binding domain with a distinctive flattened beta-jellyroll structure. It exists in two forms as either a pentamer in circulation or as a nonsoluble monomer in tissues. 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. Elevated expression of the encoded protein is associated with severe acute respiratory syndrome coronavirus 2 (SARS - CoV - 2) infection. [provided by RefSeq, Aug 2020]

Immunogen

A synthetic peptide of Human C Reactive Protein

Gene ID

1401

Swiss Prot

P02741

Synonyms

PTX1; CRP

Reactivity

Human

Application

WB, IHC-P

Recommended dilutionWB: 1:1000
IHC-P: 1:100-1:200**Calculated MW**

25 kDa

Observed MW

25 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR36043
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.