

CR1 Polyclonal Antibody

Cat No: HR1AP10673

For research use only

Overview

Product Name	CR1 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	224kDa
GeneID?Human?	CR1 C3BR
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	complement C3b/C4b receptor 1 (Knops blood group)(CR1) Homo sapiens This gene is a member of the receptors of complement activation (RCA) family and is located in the &apos;cluster RCA&apos; region of chromosome 1. The gene encodes a monomeric single-pass type I membrane glycoprotein found on erythrocytes, leukocytes, glomerular podocytes, and splenic follicular dendritic cells. The Knops blood group system is a system of antigens located on this protein. The protein mediates cellular binding to particles and immune complexes that have activated complement. Decreases in expression of this protein and/or mutations in its gene have been associated with gallbladder carcinomas, mesangiocapillary glomerulonephritis, systemic lupus erythematosus and sarcoidosis. Mutations in this gene have also been associated with a reduction in Plasmodium falciparum rosetting, conferring protection against severe malaria. Alternate allele-specific splice variants