

Rabbit anti-Human CR1/CD35 Polyclonal Antibody | anti-CR1 antibody

Anti-CR1/CD35 Antibody, Rabbit Polyclonal

CATALOG # AAA254246	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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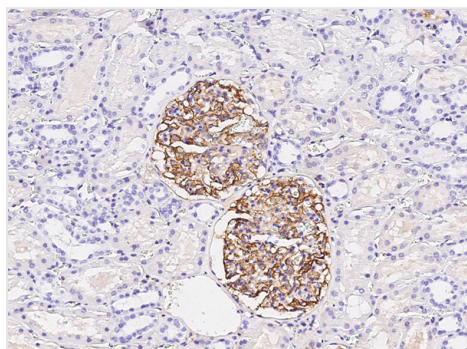
PRODUCT SYNONYMS

CR1/CD35; Polyclonal Antibody; Anti-CR1/CD35 Antibody; Rabbit Polyclonal; CD35 Antibody; Rabbit PAb; Antigen Affinity Purified; complement component 3b/4b receptor 1 (Knops blood group); Anti-C3BR Antibody; Anti-C4BR Antibody; Anti-CD35 Antibody; Anti-KN Antibody; Anti-RP11-57I17.1 Antibody; anti-CR1 antibody

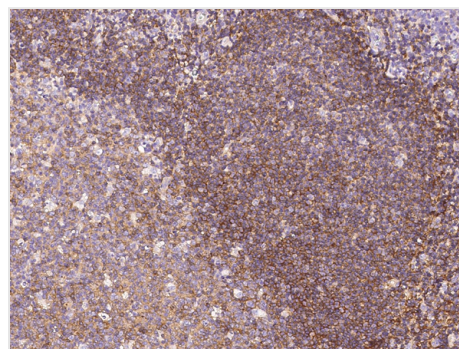
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CD35
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CR1 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the N-terminus of the human CD35
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the human CD35, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human CD35 in human kidney with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).


IHC (Immunohistochemistry)

Immunochemical staining of human CD35 in human tonsil with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CR1 antibody	Complement receptor type 1 (CR1) is a multi-modular membrane receptor composed of 30 homologous complement control protein modules (CCP) organized in four different functional regions called long homologous repeats (LHR A, B, C, and D). CR1 is a receptor for complement-opsonins C3b and C4b and specifically interacts through pairs of CCP modules located in LHR A, B, and C. Human CR1 plays a role in the clearance of complement opsonized molecules and may facilitate the entry of pathogens into host cells. Lower CR1 expression has been associated with susceptibility to systemic lupus erythematosus (SLE). In contrast, subjects displaying lower CR1 expression are protected against severe manifestations of falciparum malaria. The CR1 gene was shown to be involved in Alzheimer's disease (AD).
References	Sandri TL, et al. (2018) Human complement receptor type 1 (cr1) protein levels and genetic variants in chronic chagas disease. Sci Rep 8 (1): 526.Panda AK, et al. (2016) Cr1 exon variants are associated with lowered cr1 expression and increased susceptibility to sle in a plasmodium falciparum endemic population. Lupus Sci Med 3 (1): e000145.Mahmoudi R, et al. (2018) Inherited and acquired decrease in complement receptor 1 (cr1) density on red blood cells associated with high levels of soluble cr1 in alzheimer's disease. Int J Mol Sci 19 (8): 2175.Jacquet M, et al. (2018) C1q and mannose-binding lectin interact with cr1 in the same region on ccp24-25 modules. Front Immunol 9 453.

NCBI AND UNIPROT INFORMATION

NCBI GI #	86793109
NCBI GeneID	1378
NCBI Accession #	NP_000642.3
NCBI GenBank Nucleotide #	NM_000651.4
UniProt Accession #	P17927; Q16744; Q16745; Q5SR43; Q5SR45; Q9UQV2
Molecular Weight	223,663 Da
NCBI Official Full Name	complement receptor type 1 isoform S
NCBI Official Synonym Full Names	complement component (3b/4b) receptor 1 (Knops blood group)
NCBI Official Symbol	CR1
NCBI Official Synonym Symbols	KN; C3BR; C4BR; CD35
NCBI Protein Information	complement receptor type 1; CD35 antigen; C3b/C4b receptor; C3-binding protein; Knops blood group antigen
UniProt Protein Name	Complement receptor type 1
UniProt Gene Name	CR1
UniProt Synonym Gene Names	C3BR
UniProt Entry Name	CR1_HUMAN

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/cr1-cd35-antibody-immunohistochemistry-elisa/254246>