

Rabbit anti-Human CD46 Polyclonal Antibody | anti-CD46 antibody

CD46 Antibody - middle region

CATALOG # AAA201561	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
-------------------------------	-----------------------	----------------------------	-------------------------------------

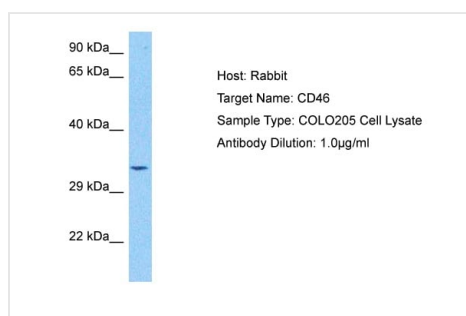
PRODUCT SYNONYMS

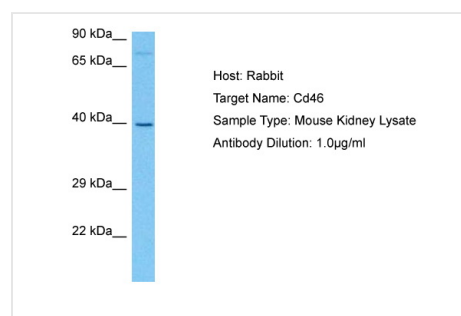
CD46; Polyclonal Antibody; CD46 Antibody - middle region; anti-CD46 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 23% sucrose.
Sequence	Synthetic peptide with the following region: VL CTPPPKIKNG KHTFSEVEVF EYLDAVTYSC DPAPGDPFS LIGESTIY
Sequence Length	336
Applicable Applications for anti-CD46 antibody	WB (Western Blot)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CD46
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Host: Rabbit
Target Name: CD46
Sample Tissue: Human COLO205 Whole Cell lysates
Antibody Dilution: 1µg/ml

WB (Western Blot)

Host: Mouse
Target Name: CD46
Sample Tissue: Mouse Kidney
Antibody Dilution: 1µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CD46 antibody	The protein encoded by this gene is a type I membrane protein and is a regulatory part of the complement system. The encoded protein has cofactor activity for inactivation of complement components C3b and C4b by serum factor I, which protects the host cell from damage by complement. In addition, the encoded protein can act as a receptor for the Edmonston strain of measles virus, human herpesvirus-6, and type IV pili of pathogenic Neisseria. Finally, the protein encoded by this gene may be involved in the fusion of the spermatozoa with the oocyte during fertilization. Mutations at this locus have been associated with susceptibility to hemolytic uremic syndrome. Alternatively spliced transcript variants encoding different isoforms have been described.
Product Categories/Family for anti-CD46 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	27502402
NCBI GeneID	4179
NCBI Accession #	NP_002380.3
NCBI GenBank Nucleotide #	NM_002389.4
UniProt Accession #	P15529
Molecular Weight	36 kDa
NCBI Official Full Name	membrane cofactor protein isoform 1
NCBI Official Synonym Full Names	CD46 molecule
NCBI Official Symbol	CD46
NCBI Official Synonym Symbols	MCP; TLX; AHUS2; MIC10; TRA2.10
NCBI Protein Information	membrane cofactor protein
UniProt Protein Name	Membrane cofactor protein
UniProt Gene Name	CD46
UniProt Synonym Gene Names	MCP; MIC10
UniProt Entry Name	MCP_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.