

Rabbit anti-Human DAF Polyclonal Antibody | anti-CD55 antibody

DAF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40588	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

DAF; Polyclonal Antibody; DAF Antibody; Decay-accelerating factor; CD55 molecule decay accelerating factor for complement (Cromer blood group); CD55; CR; TC; CROM; CD55 molecule; decay accelerating factor for complement (Cromer blood group); anti-CD55 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	DAF antibody is human specific. At least two isoforms of DAF are known to exist; this antibody will only detect the longest isoform.
Purity/Purification	DAF antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	440
Applicable Applications for anti-CD55 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	DAF antibody was raised against an 18 amino acid peptide near the carboxy terminus of human DAF.
Buffer	DAF antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	DAF antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



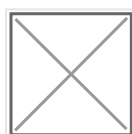
WB (Western Blot)

Western blot analysis of DAF1 expression in HeLa cell lysate with DAF1 antibody at (A) 1 and (B) 2 µg/ml.



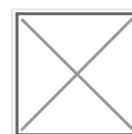
IF (Immunofluorescence)

Immunofluorescence of DAF in human lung tissue with DAF antibody at 20 µg/ml.



IHC (Immunohistochemistry)

Immunohistochemistry of DAF in human lung tissue with DAF antibody at 5 µg/ml.



WB (Western Blot)

Western blot analysis of DAF in A549 cell lysate with DAF antibody at 1 µg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CD55 antibody	The decay-accelerating factor (DAF), also known as CD55, is an integral membrane glycoprotein that is involved in the regulation of the complement cascade (1). DAF limits excessive complement activation by accelerating their decay following DAF binding, thereby disrupting the cascade and preventing damage to host cells (2). Antigens present on the DAF glycoprotein constitute the Cromer blood group system (CROM) (3).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	168693643
NCBI GeneID	1604
NCBI Accession #	NP_001108224
NCBI GenBank Nucleotide #	NM_001114752.2
Molecular Weight	Predicted: 48 kDa Observed: 49 kDa
NCBI Official Full Name	complement decay-accelerating factor isoform 2
NCBI Official Synonym Full Names	CD55 molecule, decay accelerating factor for complement (Cromer blood group)
NCBI Official Symbol	CD55
NCBI Official Synonym Symbols	CR; TC; DAF; CROM
NCBI Protein Information	complement decay-accelerating factor; CD55 antigen
UniProt Protein Name	Complement decay-accelerating factor
UniProt Gene Name	CD55
UniProt Synonym Gene Names	CR; DAF
UniProt Entry Name	DAF_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/daf-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40588>