

Product datasheet for **TA349088**

CD55 Rabbit Polyclonal Antibody

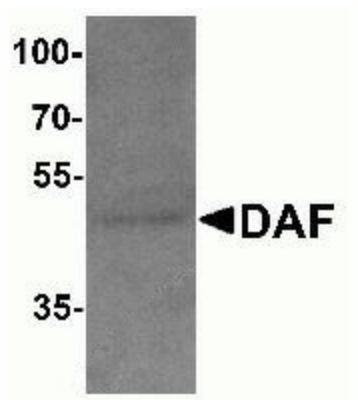
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DAF antibody was raised against an 18 amino acid peptide near the carboxy terminus of human DAF. The immunogen is located within amino acids 360 - 410 of DAF.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	DAF antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 48 kDa; Observed: 49 kDa
Gene Name:	CD55 molecule (Cromer blood group)
Database Link:	NP_001108224 Entrez Gene 1604 Human P08174
Background:	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).
Synonyms:	CR; CROM; DAF; TC

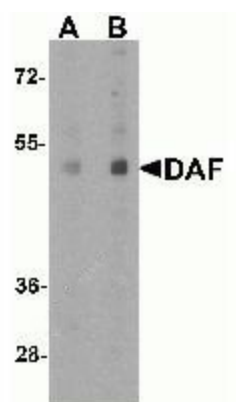


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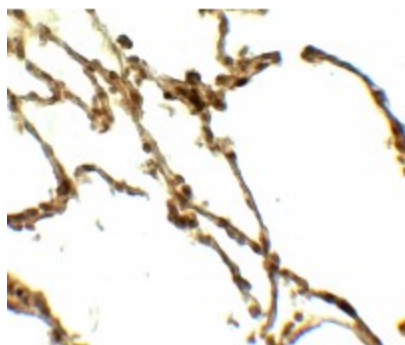
Product images:



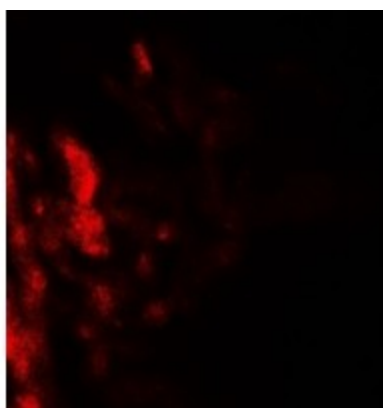
Western blot analysis of DAF in A549 cell lysate with DAF antibody at 1 ug/ml.



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



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



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