

Rabbit anti-Human RFC1 Polyclonal Antibody | anti-RFC1 antibody

Anti-RFC1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44934	Rabbit	Human	Immunohistochemistry, Western Blot

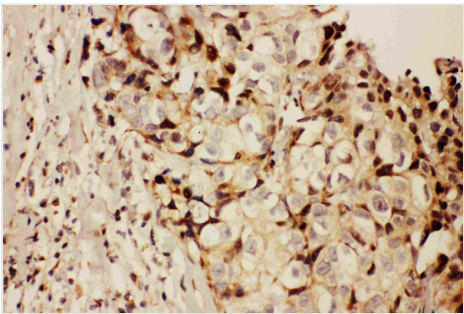
PRODUCT SYNONYMS

RFC1; Polyclonal Antibody; Anti-RFC1 antibody; Replication factor C subunit 1; replication factor C(activator 1) 1; 145kDa; A1 140 kDa subunit antibody; A1 antibody; A1 P145 Activator 1 large subunit antibody; Activator 1 140 kDa subunit antibody; Activator 1 large subunit antibody; Activator 1 subunit 1 antibody; DNA binding Protein PO GA antibody; DNA-binding protein PO-GA antibody; MHC binding factor beta antibody; MHCBBF antibody; PO GA antibody; RECC1 antibody; Replication factor C(activator 1) 1; 145kDa antibody; Replication factor C 140 kDa subunit antibody; Replication factor C antibody; Replication factor C large subunit antibody; Replication factor C subunit 1 antibody; Replication factor C1 antibody; RF-C 140 kDa subunit antibody; RFC antibody; RFC1 antibody; RFC1_HUMAN antibody; RFC140 antibody; RFC140 Replication Factor C 140 kDa subunit antibody; anti-RFC1 antibody

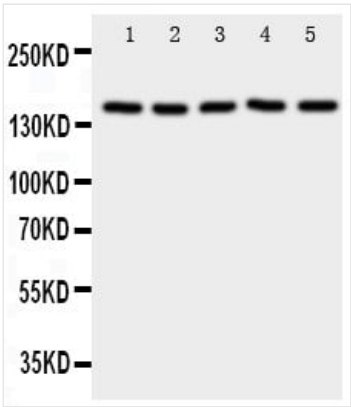
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	1148
Applicable Applications for anti-RFC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human RFC1 (46-64aa NSSRKEDDFKQKQPSKKKR).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-RFC1 antibody, AAA44934, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)
Anti-RFC1 antibody, AAA44934, Western blottingAll lanes: Anti RFC1 (AAA44934) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: SMMC Whole Cell Lysate at 40ugLane 3: JURKAT Whole Cell Lysate at 40ugLane 4: CEM Whole Cell Lysate at 40ugLane 5: 293T Whole Cell Lysate at 40ugPredicted bind size: 128KDObserved bind size: 150KD

ADDITIONAL INFORMATION

Related Product Information for anti-RFC1 antibody	Description: Rabbit IgG polyclonal antibody for Replication factor C subunit 1(RFC1) detection. Tested with WB, IHC-P in Human. Background: RFC(Replication Factor C), also called activator-1, is a multimeric primer-recognition protein consisting of 5 distinct subunits of 145, 40, 38, 37, and 36.5 kD. Human RFC was purified from extracts of HeLa cells as a host factor essential for the in vitro replication of simian virus 40(SV40) DNA. RFC, in the presence of ATP, assembles proliferating-cell nuclear antigen and DNA polymerase-delta or polymerase-epsilon on primed DNA templates. Tight interfacial coordination of the ATP analog ATP-gamma-S by RFC resulted in a spiral arrangement of the ATPase domains of the clamp loader above the PCNA ring.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56757608
NCBI GeneID	5981
UniProt Accession #	P35251; Q5XKF5; Q6PKU0; Q86V41; Q86V46; A8K6E7
Molecular Weight	128,183 Da
NCBI Official Full Name	Replication factor C subunit 1
NCBI Official Synonym Full Names	replication factor C (activator 1) 1, 145kDa
NCBI Official Symbol	RFC1
NCBI Official Synonym Symbols	A1; RFC; PO-GA; RECC1; MHCBBF; RFC140
NCBI Protein Information	replication factor C subunit 1; A1 140 kDa subunit; RF-C 140 kDa subunit; activator 1 subunit 1; replication factor C1; MHC binding factor, beta; DNA-binding protein PO-GA; activator 1 large subunit; activator 1 140 kDa subunit; replication factor C large subunit; replication factor C 140 kDa subunit
UniProt Protein Name	Replication factor C subunit 1
UniProt Gene Name	RFC1
UniProt Synonym Gene Names	RFC140; A1 140 kDa subunit; RF-C 140 kDa subunit; RFC140
UniProt Entry Name	RFC1_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.

