

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

Goat anti-RFC1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210786	Goat	Human	Immunoprecipitation, Western Blot

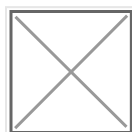
PRODUCT SYNONYMS

RFC1; Polyclonal Antibody; Goat anti-RFC1 Antibody; Affinity Purified; activator 1 140 kDa subunit; replication factor C (activator 1) 1; 145kDa; RFC140; RF-C 140 kDa subunit; RFC; replication factor C1; replication factor C subunit 1; replication factor C large subunit; replication factor C 140 kDa subunit; RECC1; PO-GA; MHCBBF; MHC binding factor; beta; DNA-binding protein PO-GA; activator 1 large subunit; A1 140 kDa subunit; A1; activator 1 subunit 1; Replication factor C subunit 1; anti-RFC1 antibody

PRODUCT SPECIFICATIONS

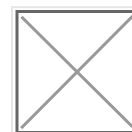
Host	Goat
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RFC1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1098 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human RFC1 by western blot. Samples: Whole cell lysate (50, 15 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified goat anti-RFC1 antibody AAA210786 (lot AAA210786-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human RFC1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified goat anti-RFC1 antibody AAA210786 (lot AAA210786-2) used for IP at 6 ug per reaction. RFC1 was also immunoprecipitated by rabbit anti-RFC1 antibody For blotting immunoprecipitated RFC1, AAA210786 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-RFC1 antibody

The Replication factor C (RFC) heteropentamer includes RFC1, RFC2, RFC3, RFC4, and RFC5. The RFC heteropentamer is part of the multiprotein DNA replicase that functions to replicate DNA prior to cell division and repair DNA damage. RFC is the clamp loader ATPase associated with the DNA replicase. As the clamp loader, RFC uses ATP to recruit, open, and close the PCNA ring to link it to DNA for replication and repair. RFC1 is the 140 kDa subunit of RFC that has a DNA-binding domain with a BRCT motif and is suggested to play a more critical role than the other subunits.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32528306
NCBI GeneID	5981
NCBI Accession #	NP_002904.3
NCBI GenBank Nucleotide #	NM_002913.4
UniProt Accession #	P35251; Q5XKF5; Q6PKU0; Q86V41; Q86V46; A8K6E7; Q14297; Q14756
Molecular Weight	128,255 Da
NCBI Official Full Name	replication factor C subunit 1 isoform 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; MGC51786
NCBI Protein Information	replication factor C subunit 1; A1 140 kDa subunit; OTTHUMP00000125201; OTTHUMP00000218411; 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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rfc1-antibody-immunoprecipitation-western-blot-elisa/210786>