

Rabbit anti-Human RFC3 Polyclonal Antibody | anti-RFC3 antibody

Rabbit anti-RFC3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210807	Rabbit	Human	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RFC3; Polyclonal Antibody; Rabbit anti-RFC3 Antibody; Affinity Purified; replication factor C 38 kDa subunit; RFC38; RFC; 38 kD subunit; replication factor C subunit 3; replication factor C (activator 1) 3; 38kDa; activator 1 subunit 3; activator 1 38 kDa subunit; A1 38 kDa subunit; RF-C 38 kDa subunit; Replication factor C subunit 3; anti-RFC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
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-RFC3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Mouse, Bovine
Immunogen	Between 75 and 125
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 RFC3 by western blot. Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RFC3 antibody AAA210807 (lot AAA210807-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of human RFC3 by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-RFC3 (Cat. No. AAA210807 Lot2) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-RFC3 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. RFC3 is the 38 kDa subunit of RFC that is essential for the interaction between RFC1 and the core formed by RFC2, RFC4, and RFC5.

NCBI AND UNIPROT INFORMATION

NCBI GI #	108773789
NCBI GeneID	5983
NCBI Accession #	NP_853536.2
NCBI GenBank Nucleotide #	NM_181558.2
UniProt Accession #	P40938; O15252; Q5W0E8; Q53HK8; Q5U0C2
Molecular Weight	40,556 Da
NCBI Official Full Name	replication factor C subunit 3 isoform 2
NCBI Official Synonym Full Names	replication factor C (activator 1) 3, 38kDa
NCBI Official Symbol	RFC3
NCBI Official Synonym Symbols	RFC38; MGC5276
NCBI Protein Information	replication factor C subunit 3; A1 38 kDa subunit; OTTHUMP00000018237; RFC, 38 kD subunit; RF-C 38 kDa subunit; activator 1 subunit 3; activator 1 38 kDa subunit; replication factor C 38 kDa subunit
UniProt Protein Name	Replication factor C subunit 3
UniProt Gene Name	RFC3
UniProt Synonym Gene Names	A1 38 kDa subunit; RF-C 38 kDa subunit; RFC38
UniProt Entry Name	RFC3_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/rfc3-antibody-immunohistochemistry-western-blot-elisa/210807>