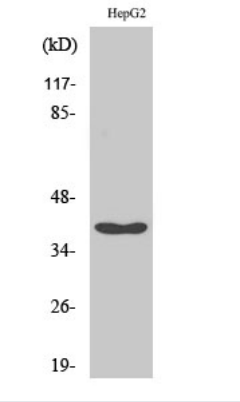
RFC3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RFC3, Polyclonal Antibody
Full Product Name	RFC3 Polyclonal Antibody
Product Gene Name	anti-RFC3 antibody
Product Synonym Names	RFC3; Replication factor C subunit 3; Activator 1 38 kDa subunit; A1 38 kDa subunit; Activator 1 subunit 3; Replication factor C 38 kDa subunit; RF-C 38 kDa subunit; RFC38
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	356
OMIM	600405
3D Structure	ModBase 3D Structure for P40938
Applications Tested/Suitable for anti-RFC3 antibody	Western Blot (WB), Immunohistochemistry-Paraffin (IHC-P)
Related Product Information for anti-RFC3 antibody	The elongation of primed DNA templates by DNA polymerase delta and epsilon requires the action of the accessory proteins proliferating cell nuclear antigen (PCNA) and activator 1.
Other Notes	Small volumes of anti-RFC3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RFC3 purchase	MBS9245078 is an antibody targeting RFC3. Also known as RFC3 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Wester Blot (WB) of anti-RFC3 antibody
Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RFC3. It may not necessarily be applicable to this product.

NCBI GI #	3915601
NCBI GeneID	5983
NCBI Accession #	P40938.2
UniProt Primary Accession #	P40938
UniProt Secondary Accession #	O15252; Q5W0E8; C9JU95
UniProt Related Accession #	P40938
NCBI Official Full Name	Replication factor C subunit 3
NCBI Official Synonym Full Names	replication factor C (activator 1) 3, 38kDa
NCBI Official Symbol	RFC3
NCBI Official Synonym Symbols	RFC38
UniProt Protein Name	Replication factor C subunit 3
UniProt Synonym Protein Names	Activator 1 38 kDa subunit; A1 38 kDa subunit; Activator 1 subunit 3; Replication factor C 38 kDa subunit; RF-C 38 kDa subunit; RFC38
Protein Family	Probable replication factor
UniProt Gene Name	RFC3
UniProt Synonym Gene Names	A1 38 kDa subunit; RF-C 38 kDa subunit; RFC38
UniProt Entry Name	RFC3_HUMAN
NCBI Protein Information	replication factor C subunit 3; A1 38 kDa subunit; RFC, 38 kD subunit; RF-C 38 kDa subunit; activator 1 subunit 3; activator 1 38 kDa subunit; replication factor C 38 kDa subunit
NCBI Summary for RFC3	The elongation of primed DNA templates by DNA polymerase delta and DNA polymerase epsilon requires the accessory proteins proliferating cell nuclear antigen (PCNA) and replication factor C (RFC). RFC, also named activator 1, is a protein complex consisting of five distinct subunits of 140, 40, 38, 37, and 36 kDa. This gene encodes the 38 kDa subunit. This subunit is essential for the interaction between the 140 kDa subunit and the core complex that consists of the 36, 37, and 40 kDa subunits. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]
UniProt Comments for RFC3	RFC3: The elongation of primed DNA templates by DNA polymerase delta and epsilon requires the action of the accessory proteins proliferating cell nuclear antigen (PCNA) and activator 1. Belongs to the activator 1 small subunits family. Protein type: DNA-binding Chromosomal Location of Human Ortholog: 13q13.2 Cellular Component: nucleoplasm; DNA replication factor C complex; nucleus Molecular Function: protein binding; DNA binding; ATPase activity; DNA clamp loader activity Biological Process: telomere maintenance via semi-conservative replication; DNA synthesis during DNA repair; response to organophosphorus; nucleotide-excision repair; transcription-coupled nucleotide-excision repair; telomere maintenance via recombination; mitotic cell cycle; nucleotide-excision repair, DNA gap filling; DNA strand elongation during DNA replication; DNA repair; DNA replication; telomere maintenance
Research Articles on RFC3	**1.** our findings suggest that RFC3 protein is an important and independent biomarker with prognostic implications for patients with ovarian carcinoma.
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