

RFC3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP2860e**Specification**

RFC3 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P40938](#)**RFC3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 5983**Other Names**

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, RFC3

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2860e](/products/AP2860e) was selected from the C-term region of human RFC3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RFC3 Antibody (C-term) Blocking Peptide - Protein Information**Name** RFC3**Function**

Subunit of the replication factor C (RFC) complex which acts during elongation of primed DNA templates by DNA polymerases delta and epsilon, and is necessary for ATP-dependent loading of proliferating cell nuclear antigen (PCNA) onto primed DNA.

Cellular Location

Nucleus.

RFC3 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

RFC3 Antibody (C-term) Blocking Peptide - Images

RFC3 Antibody (C-term) Blocking Peptide - Background

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.

RFC3 Antibody (C-term) Blocking Peptide - References

Rauen M., Burtelow M.A.J. Biol. Chem. 275:29767-29771(2000)