

## **Product datasheet for TA342195**

## **RFC1 Rabbit Polyclonal Antibody**

## **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-RFC1 antibody: synthetic peptide directed towards the middle region

of human RFC1. Synthetic peptide located within the following region: AQAIYASVLPGELMRGYMTQFPTFPSWLGKHSSTGKHDRIVQDLALHMSL

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Affinity Purified
Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 128 kDa

**Gene Name:** replication factor C subunit 1

Database Link: NP 002904

Entrez Gene 5981 Human

P35251



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Background: This gene encodesThe large subunit of replication factor C, a five subunit DNA polymerase

> accessory protein, which is a DNA-dependent ATPase required for eukaryotic DNA replication and repair. The large subunit acts as an activator of DNA polymerases, binds to The 3' end of primers, and promotes coordinated synthesis of both strands. It may also have a role in telomere stability. Alternatively spliced transcript variants encoding different isoforms have

been noted for This gene. [provided by RefSeq, Mar 2011]

Synonyms: A1; MHCBFB; PO-GA; RECC1; RFC; RFC140

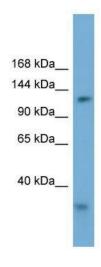
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Mouse:

100%; Rabbit: 100%; Guinea pig: 100%; Rat: 93%

**Protein Families: Transcription Factors** 

**Protein Pathways:** DNA replication, Mismatch repair, Nucleotide excision repair

## **Product images:**



WB Suggested Anti-RFC1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control:

Human heart