

**RFC1 Polyclonal Antibody**  
**Catalog # AP73497****Specification**

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**RFC1 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P35251</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**RFC1 Polyclonal Antibody - Additional Information****Gene ID** 5981**Other Names**

RFC1; RFC140; Replication factor C subunit 1; Activator 1 140 kDa subunit; A1 140 kDa subunit; Activator 1 large subunit; Activator 1 subunit 1; DNA-binding protein PO-GA; Replication factor C 140 kDa subunit; RF-C 140 kDa subunit; RFC140; Replication factor C large subunit

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**RFC1 Polyclonal Antibody - Protein Information****Name** RFC1**Synonyms** RFC140**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 (PubMed:<a href="http://www.uniprot.org/citations/9488738" target="\_blank">9488738</a>). This subunit binds to the primer-template junction. Binds the PO-B transcription element as well as other GA rich DNA sequences. Can bind single- or double-stranded DNA.

**Cellular Location**

Nucleus.

**Tissue Location**

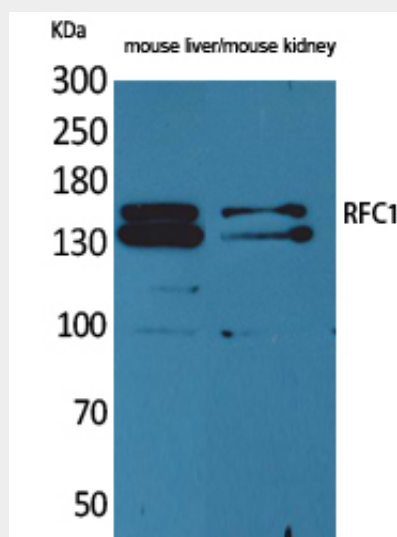
Wide tissue distribution. Undetectable in placental tissue

## RFC1 Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## RFC1 Polyclonal Antibody - Images



Western Blot analysis of mouse liver, mouse kidney cells using RFC1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).

## RFC1 Polyclonal Antibody - Background

The elongation of primed DNA templates by DNA polymerase delta and epsilon requires the action of the accessory proteins PCNA and activator 1. This subunit binds to the primer-template junction. Binds the PO-B transcription element as well as other GA rich DNA sequences. Could play a role in DNA transcription regulation as well as DNA replication and/or repair. Can bind single- or double-stranded DNA.