

RFC1 Polyclonal Antibody
Catalog # AP73568**Specification**

RFC1 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	P35251
Reactivity	Human
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-GAReplication factor C 140 kDa subunit; RF-C 140 kDa subunit; RFC140; Replication factor C large subunit

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.
IHC-P~~N/A

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:9488738). 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.

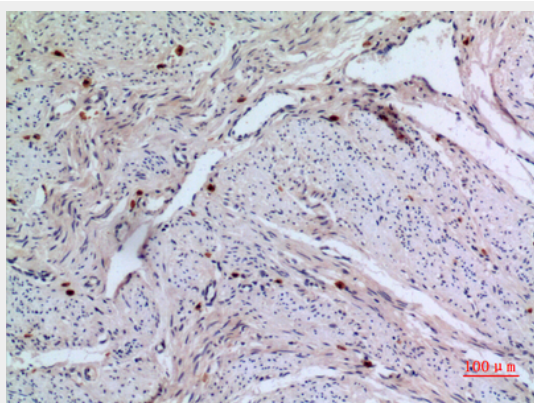
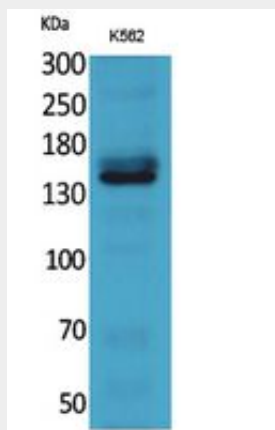
Tissue Location

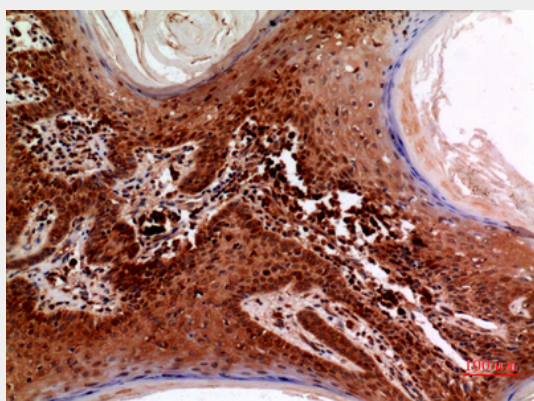
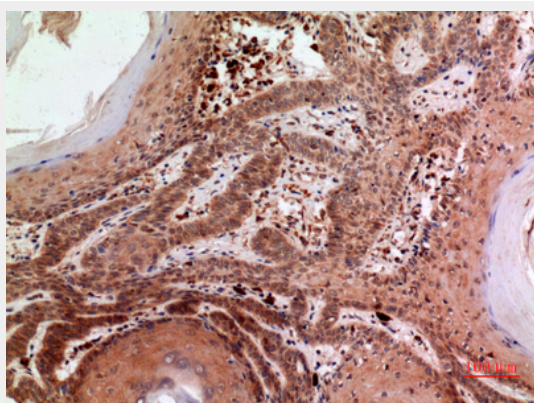
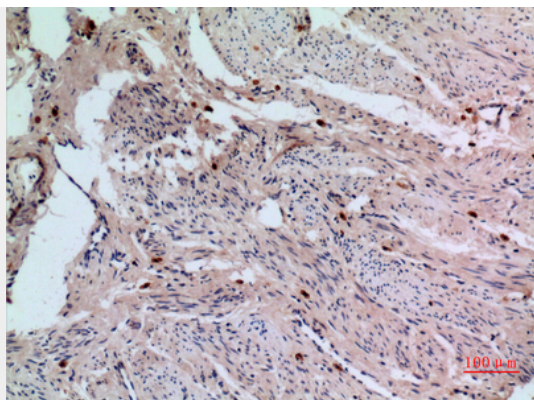
Wide tissue distribution. Undetectable in placental tissue

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



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.