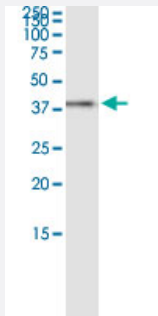


# RFC4 (Human) IP-WB Antibody Pair

Catalog # H00005984-PW2

Size 1 Set

## Applications



Immunoprecipitation of RFC4 transfected lysate using rabbit polyclonal anti-RFC4 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-RFC4.

## Specification

<b>Product Description</b>	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of RFC4 transfected lysate using rabbit polyclonal anti-RFC4 and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse purified polyclonal anti-RFC4.
<b>Supplied Product</b>	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-RFC4 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-RFC4 (50 ug)
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — RFC4

**Entrez GeneID** [5984](#)**Gene Name** RFC4**Gene Alias** A1, MGC27291, RFC37**Gene Description** replication factor C (activator 1) 4, 37kDa**Omim ID** [102577](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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 kD. This gene encodes the 37 kD subunit. This subunit forms a core complex with the 36 and 40 kDa subunits. The core complex possesses DNA-dependent ATPase activity, which was found to be stimulated by PCNA in an in vitro system. Alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq]

**Other Designations** A1 37 kDa subunit|RFC 37 kDa subunit|activator 1 37 kDa subunit|replication factor C (activator 1) 4 (37kD)|replication factor C 4

## Pathway

- [DNA replication](#)
- [Mismatch repair](#)
- [Nucleotide excision repair](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Multiple Sclerosis](#)
- [Urinary Bladder Neoplasms](#)