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## Product Information

|                     |         |                      |        |                    |             |
|---------------------|---------|----------------------|--------|--------------------|-------------|
| <b>Product SKU:</b> | CAB5485 | <b>Gene ID:</b>      | 5984   | <b>Size:</b>       | 20uL, 100uL |
| <b>Clone No:</b>    | -       | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human,Rat   |

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## Additional Information

|                       |       |                   |              |
|-----------------------|-------|-------------------|--------------|
| <b>Observed MW:</b>   | 40kDa | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 40kDa | <b>Isotype:</b>   | IgG          |

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## Immunogen Information

**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 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.

**Recommended Dilution:** WB,1:500 - 1:2000 IF/ICC,1:50 - 1:100 IP,0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

**Synonyms:** A1; RFC37; RFC4

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 204-363 of human RFC4 (NP\_002907.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.