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RFC5

Reactivity: Human

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:38kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human RFC5

Storage Buffer:

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

Synonym:

RFC36;

Catalog #:A8056

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:5985

Isotype: IgG

Swiss Prot:P40937

Purity: Affinity purification

For research use only.

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 36 kD subunit. This subunit can interact with the C-terminal region of PCNA. It forms a core complex with the 38 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. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 9.

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