

## RFC2 (T165) polyclonal antibody

Catalog: BS9272

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Replication factor C (RFC) is an essential DNA polymerase accessory protein that is required for numerous aspects of DNA metabolism, including DNA replication, DNA repair and telomere metabolism. RFC is a heteropentameric complex that recognizes a primer on a template DNA, binds to a primer terminus and loads proliferating cell nuclear antigen (PCNA) onto DNA at primer-template junctions in an ATP-dependent reaction. All five of the RFC subunits share a set of related sequences (RFC boxes) that include nucleotide binding consensus sequences. Four of the five RFC genes (RFC1, RFC2, RFC3 and RFC4) have consensus ATP-binding motifs. The small RFC proteins, RFC2, RFC3, RFC4 and RFC5, interact with Rad24, whereas the RFC1 subunit does not. RFC2, the third-largest subunit of the RFC complex, exhibits ATP binding which makes it important for both DNA replication and checkpoint function.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 39 kDa

### Swiss-Prot:

P35250

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

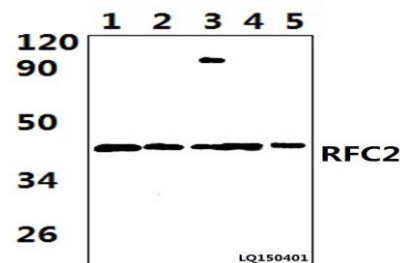
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

RFC2 (T165) polyclonal antibody detects endogenous levels of RFC2 protein.

### DATA:



Western blot (WB) analysis of RFC2 (T165) polyclonal antibody at 1:1000 dilution

Lane1:MCF-7 whole cell lysate(48ug) Lane2:The Intestines tissue lysate of Rat(25ug)

Lane3:The Intestines tissue lysate of Mouse(35ug) Lane4:The Lung tissue lysate of Rat(39ug) Lane5:The Lung tissue lysate of Mouse(38ug)

### Note:

For research use only, not for use in diagnostic procedure.

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