

Product datasheet for **TA890023**

RFC2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human RFC2
Formulation:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	2.95mg/ml
Purification:	Purified from the immunized serum by affinity chromatography (Protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	39 kDa
Gene Name:	replication factor C subunit 2
Database Link:	NP_852136 Entrez Gene 19718 Mouse Entrez Gene 116468 Rat Entrez Gene 5982 Human P35250

Background: This gene encodes a member of the activator 1 small subunits family. The elongation of primed DNA templates by DNA polymerase delta and epsilon requires the action of the accessory proteins, proliferating cell nuclear antigen (PCNA) and replication factor C (RFC). Replication factor C, also called activator 1, is a protein complex consisting of five distinct subunits. This gene encodes the 40 kD subunit, which has been shown to be responsible for binding ATP and may help promote cell survival. Disruption of this gene is associated with Williams syndrome. Alternatively spliced transcript variants encoding distinct isoforms have been described. A pseudogene of this gene has been defined on chromosome 2. [provided by RefSeq, Jul 2013]



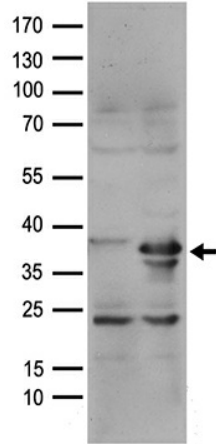
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Synonyms: RFC40

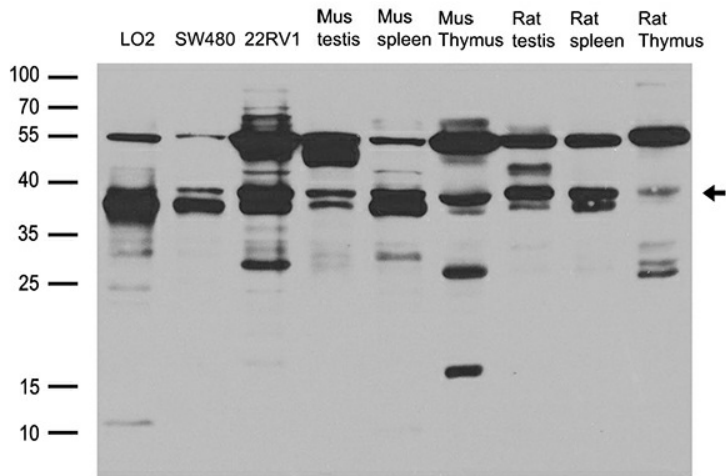
Protein Families: Druggable Genome, Stem cell - Pluripotency

Protein Pathways: DNA replication, Mismatch repair, Nucleotide excision repair

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RFC2 ([RC201138], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RFC2 rab. Positive lysates [LY430534] (100ug) and [LC430534] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from different cell lines or tissues by using anti-RFC2 rabbit polyclonal antibody (TA890023).