

RFC2 rabbit pAb

Cat#: orb769914 (Manual)

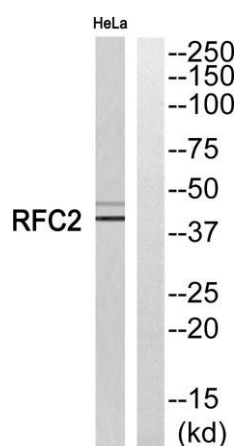
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Product Name	RFC2 rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	The antiserum was produced against synthesized peptide derived from human RFC2. AA range:131-180
Specificity	RFC2 Polyclonal Antibody detects endogenous levels of RFC2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Replication factor C subunit 2
Gene Name	RFC2
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

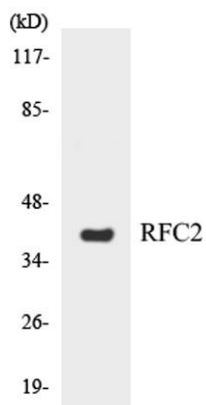
Concentration	1 mg/ml
Observed band	40kD
Human Gene ID	5982
Human Swiss-Prot Number	P35250
Alternative Names	RFC2; Replication factor C subunit 2; Activator 1 40 kDa subunit; A1 40 kDa subunit; Activator 1 subunit 2; Replication factor C 40 kDa subunit; RF-C 40 kDa subunit; RFC40

Background

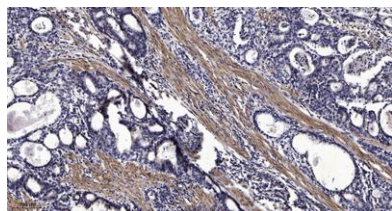
This gene encodes a member of the activator 1 small subunits family. The elongation of primed DNA templates by DNA polymerase delta and epsilon requires the action of the accessory proteins, proliferating cell nuclear antigen (PCNA) and replication factor C (RFC). Replication factor C, also called activator 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],



Western blot analysis of RFC2 Antibody. The lane on the right is blocked with the RFC2 peptide.



Western blot analysis of the lysates from HT-29 cells using RFC2 antibody.



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).