ARG56394
anti-RFC5 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RFC5
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RFC5
Species	Human
Immunogen	Recombinant protein of Human RFC5
Conjugation	Un-conjugated
Alternate Names	Activator 1 36 kDa subunit; Activator 1 subunit 5; Replication factor C subunit 5; RFC36; Replication factor C 36 kDa subunit; RF-C 36 kDa subunit; A1 36 kDa subunit

Application Instructions

Application table

Application	Dilution
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	SKOV3

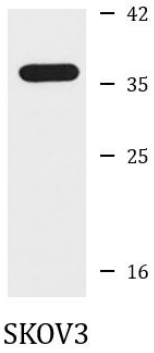
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 5985 Human GeneID: 72151 Mouse Swiss-port # P40937 Human Swiss-port # Q9D0F6 Mouse
Gene Symbol	RFC5
Gene Full Name	replication factor C (activator 1) 5, 36.5kDa
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. [provided by RefSeq, May 2011]
Function	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 activator 1. [UniProt]
Calculated Mw	38 kDa

Images



ARG56394 anti-RFC5 antibody WB image

Western blot: SKOV3 cell lysate stained with ARG56394 anti-RFC5 antibody.