

ARG41278 anti-RFC4 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RFC4
Tested Reactivity	Hu, Rat
Tested Application	ICC/IF, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RFC4
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 204-363 of Human RFC4 (NP_002907.1).
Conjugation	Un-conjugated
Alternate Names	A1 37 kDa subunit; Activator 1 subunit 4; Replication factor C subunit 4; RFC37; Activator 1 37 kDa subunit; A1; RF-C 37 kDa subunit; Replication factor C 37 kDa subunit

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:100
	IP	1:50 - 1:200
	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	HeLa	
Observed Size	38 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
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.

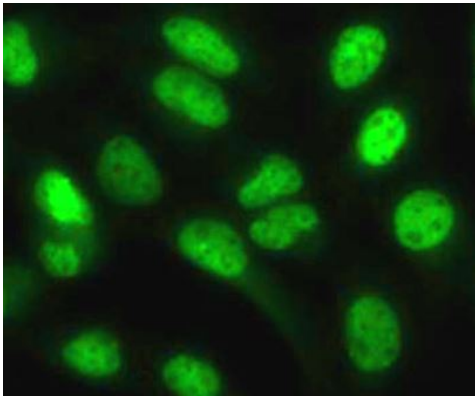
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

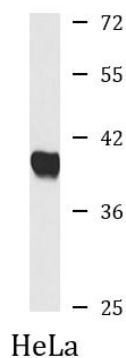
Gene Symbol	RFC4
Gene Full Name	replication factor C (activator 1) 4, 37kDa
Background	The elongation of primed DNA templates by DNA polymerase delta and DNA polymerase epsilon requires the accessory proteins proliferating cell nuclear antigen (PCNA) and replication factor C (RFC). RFC, also named activator 1, is a protein complex consisting of five distinct subunits of 140, 40, 38, 37, and 36 kD. This gene encodes the 37 kD subunit. This subunit forms a core complex with the 36 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. Alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq, Jul 2008]
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. This subunit may be involved in the elongation of the multiprimed DNA template. [UniProt]
Calculated Mw	40 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG41278 anti-RFC4 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG41278 anti-RFC4 antibody.



ARG41278 anti-RFC4 antibody WB image

Western blot: 25 ug of HeLa cell lysate stained with ARG41278 anti-RFC4 antibody at 1:1000 dilution.

ARG41278 anti-RFC4 antibody IP image

Immunoprecipitation: 200 ug extracts of K562 cells were immunoprecipitated and stained with ARG41278 anti-RFC4 antibody at 1:1000 dilution.

