

Product datasheet for **TA339258**

RFC4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-RFC4 antibody: synthetic peptide directed towards the middle region of human RFC4. Synthetic peptide located within the following region: DKLEAVVKDLIDEGHAATQLVNQLHDVWVENNLSKQKSIITEKLAEVDK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40 kDa
Gene Name:	replication factor C subunit 4
Database Link:	NP_002907 Entrez Gene 5984 Human P35249



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- 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]
- Synonyms:** A1; RFC37
- Note:** Immunogen Sequence Homology: Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Bovine: 93%; Rabbit: 93%; Dog: 86%; Guinea pig: 86%
- Protein Families:** Druggable Genome, Stem cell - Pluripotency
- Protein Pathways:** DNA replication, Mismatch repair, Nucleotide excision repair
- Product images:**



WB Suggested Anti-RFC4 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: 721_B cell lysate RFC4 is supported by BioGPS gene expression data to be expressed in 721_B