

Immunotag™ RFC5 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN0313
Product Description	Immunotag™ RFC5 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	RFC5
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 110-190
Specificity	RFC5 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	RFC5
Accession No.	P40937 Q9D0F6

Antibody Specification

Description	replication factor C subunit 5(RFC5) Homo sapiens 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],
Cell Pathway/ Category	DNA replication,Nucleotide excision repair,Mismatch repair,
Protein Expression	Brain,Muscle,Skin,
Subcellular Localization	nucleoplasm,DNA replication factor C complex,Ctf18 RFC-like complex,
Protein Function	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,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.,similarity:Belongs to the activator 1 small subunits family.,subunit:Heterotetramer of subunits RFC2, RFC3, RFC4 and RFC5 that can form a complex either with RFC1 or with RAD17. The former interacts with PCNA in the presence of ATP, while the latter has ATPase activity but is not stimulated by PCNA.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.