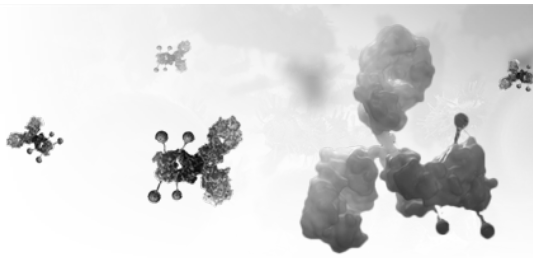

Anti-RFC1 (aa 1-110) polyclonal antibody (DPAB-DC2693)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes the large subunit of replication factor C, a five subunit DNA polymerase accessory protein, which is a DNA-dependent ATPase required for eukaryotic DNA replication and repair. The large subunit acts as an activator of DNA polymerases, binds to the 3 end of primers, and promotes coordinated synthesis of both strands. It may also have a role in telomere stability. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
Immunogen	RFC1 (AAH51786, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. The sequence is MDIRKFFGVIPSGKKLVSETVKKNEKTKSDEETLKAKKGIKEIKVNSSRKEDDFKQKQPS KKKRIIYDSDSESEETLQVKNAKKPPEKLPVSSKPGKISRQDPVTYISET
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	RFC1 replication factor C (activator 1) 1, 145kDa [Homo sapiens (human)]
Official Symbol	RFC1
Synonyms	RFC1; replication factor C (activator 1) 1, 145kDa; A1; RFC; PO-GA; RECC1; MHCBFB; RFC140; replication factor C subunit 1; A1 140 kDa subunit; RF-C 140 kDa subunit; activator 1 subunit 1; replication factor C1; MHC binding factor, beta; DNA-binding protein PO-GA; activator 1 large subunit; activator 1 140 kDa subunit; replication factor C large subunit; replication factor C 140 kDa subunit;
Entrez Gene ID	5981
Protein Refseq	NP_001191676
UniProt ID	P35251
Chromosome Location	4p14-p13
Pathway	BRCA1-associated genome surveillance complex (BASC); Cell Cycle; Chromosome Maintenance; DNA Replication
Function	ATP binding; DNA binding; DNA clamp loader activity; double-stranded DNA binding

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