

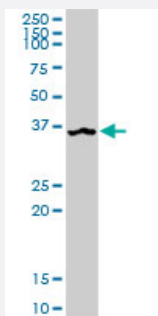
MaxPab®

RFC4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005984-D01P

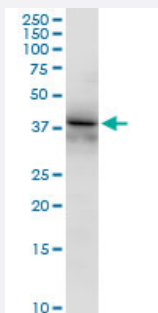
Size 100 ug

Applications



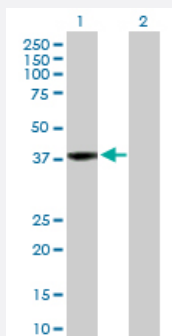
Western Blot (Tissue lysate)

RFC4 MaxPab rabbit polyclonal antibody. Western Blot analysis of RFC4 expression in human kidney.



Western Blot (Cell lysate)

RFC4 MaxPab rabbit polyclonal antibody. Western Blot analysis of RFC4 expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of RFC4 expression in transfected 293T cell line ([H00005984-T02](#)) by RFC4 MaxPab polyclonal antibody.

Lane 1: RFC4 transfected lysate(39.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human RFC4 protein.

Immunogen	RFC4 (NP_002907.1, 1 a.a. ~ 363 a.a) full-length human protein.
Sequence	MQAFLKGTSISTKPPLTKDRGVAASAGSSGENKKAKPVPWVEKYRPKCVDEVAFQEEVVAVLK KSLEGADLPNLLFYGPPGTGKTSTILAAARELFGPELFRLRVLELNASDERGIQVVREKVKNFAQL TVSGSRSDGKPCPPFKVILDEADSMTSAAQAALRRRTMEKESKTTTRFCLICNVVSRIEPLTSRCSK FRFKPLSDKIQQQRLLDIAKKENVKISDEGIAYLVKVSEGLRKAITFLQSATRLTGGKEITEKVITDIA GVIPAEEKIDGVFAACQSGSFDKLEAVVKDLIDEGHAATQLVNQLHDVVVENNLSDKQKSIITEKLA EVDKCLADGADEHLQLISLCATVMQQLSQNC
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

RFC4 MaxPab rabbit polyclonal antibody. Western Blot analysis of RFC4 expression in human kidney.

[Protocol Download](#)

- Western Blot (Cell lysate)

RFC4 MaxPab rabbit polyclonal antibody. Western Blot analysis of RFC4 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of RFC4 expression in transfected 293T cell line ([H00005984-T02](#)) by RFC4 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — RFC4

Entrez GeneID

[5984](#)

GeneBank Accession#

[NM_002916](#)

Protein Accession#	NP_002907.1
Gene Name	RFC4
Gene Alias	A1, MGC27291, RFC37
Gene Description	replication factor C (activator 1) 4, 37kDa
Omim ID	102577
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	A1 37 kDa subunit RFC 37 kDa subunit activator 1 37 kDa subunit replication factor C (activator 1) 4 (37kD) replication factor C 4

Pathway

- [DNA replication](#)
- [Mismatch repair](#)
- [Nucleotide excision repair](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Multiple Sclerosis](#)
- [Urinary Bladder Neoplasms](#)