

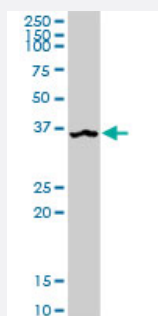
MaxPab®

RFC4 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00005984-D01

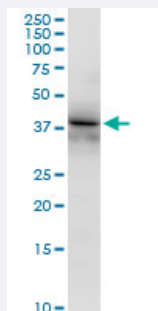
Size 100 uL

Applications



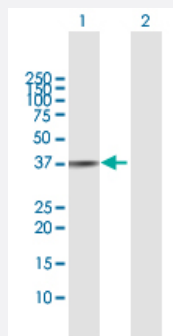
Western Blot (Tissue lysate)

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.

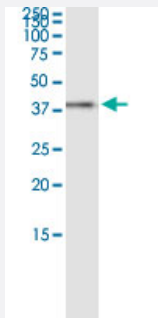


Western Blot (Transfected lysate)

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

Lane 1: RFC4 transfected lysate(39.7 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of RFC4 transfected lysate using anti-RFC4 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with RFC4 purified MaxPab mouse polyclonal antibody (B01P) ([H00005984-B01P](#)).

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 KSLEGADLPNLLFYGPPGTGKTSTILAAARELFGPELFRRLRVLELNASDERGIQVVREKVKNFAQL TVSGSRSDGKPCPPFKMILDEADSMTSAAQAALRRTMEKESKTTTRFCLICNVVSRIEPLTSRCSK FRFKPLSDKIQQQRLLDIAKKENVKISDEGIAVLVKVSEGLRKAITFLQSATRLTGGKEITEKVITDIA GVIPAEKIDGVFAACQSGSFDKLEAVVKDLIDEGHAATQLVNQLHDVVVNNLSDKQKSIITEKLA EVDKCLADGADEHLQLISLCATVMQQLSQNC
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
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](#)

- Immunoprecipitation

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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 14 0, 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](#)