

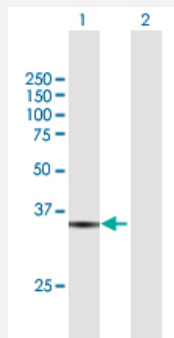
MaxPab®

RFC5 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00005985-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RFC5 expression in transfected 293T cell line ([H00005985-T01](#)) by RFC5 MaxPab polyclonal antibody.

Lane 1: RFC5 transfected lysate(37.4 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RFC5 protein.
Immunogen	RFC5 (NP_031396, 1 a.a. ~ 340 a.a) full-length human protein.
Sequence	METSALKQQEQPAATKIRNLPWVEKYRPQTLNDLISHQDILSTIQKFINE DRLPHLLLYGPPGTGKTS TILACAKQLYKDKEFGSMVLELNASDDRGDIIRGPILSFASTRITFKKGFKLVILDEADAMTQDAQN ALRRVIEKFTENTRFCLICNYLSKIIPALQSRCTRFRFGPLTPELMVPRLEHVVEEEKVDISEDGMKA LVTLSGDMRRALNILQSTNMAFGKVTEETVYTCTGHPLKSDIANILDWMLNQDFTTAYRNITELKTL KGLALHDILTEIHLFVHRVDFPSSVRIHLLTKMADIEYRLSVGTNEKIQ LSSLIAAFQVTRDLVAEA
Host	Mouse
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.

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[Protocol Download](#)

Gene Info — RFC5

Entrez GeneID	5985
GeneBank Accession#	NM_007370
Protein Accession#	NP_031396
Gene Name	RFC5
Gene Alias	MGC1155, RFC36
Gene Description	replication factor C (activator 1) 5, 36.5kDa
Omim ID	600407
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 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. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]
Other Designations	A1 36 kDa subunit RFC, 36.5 kD subunit activator 1 36 kDa subunit replication factor C (activator 1) 5 (36.5kD) replication factor C 5

Pathway

- [DNA replication](#)

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

Disease

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