DNAxPAb | Hard-to-Find Antibody

RFC5 DNAxPab

Catalog # H00005985-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RFC5 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	METSALKQQEQPAATKIRNLPWVEKYRPQTLNDLISHQDILSTIQKFINEDRLPHLLLYGPPGTGKTS TILACAKQLYKDKEFGSMVLELNASDDRGIDIIRGPILSFASTRTIFKKGFKLVILDEADAMTQDAQN ALRRVIEKFTENTRFCLICNYLSKIIPALQSRCTRFRFGPLTPELMVPRLEHVVEEEKVDISEDGMKA LVTLSSGDMRRALNILQSTNMAFGKVTEETVYTCTGHPLKSDIANILDWMLNQDFTTAYRNITELKTL KGLALHDILTEIHLFVHRVDFPSSVRIHLLTKMADIEYRLSVGTNEKIQLSSLIAAFQVTRDLIVAEA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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Gene Info — RFC5

Entrez GeneID	5985
GeneBank Accession#	NM_007370.3
Protein Accession#	NP_031396.1
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 14 0, 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 co mplex 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 re ported. [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

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- Multiple Sclerosis
- Urinary Bladder Neoplasms

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