

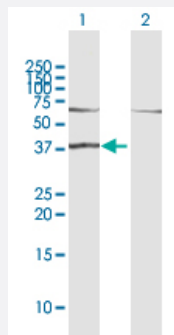
MaxPab®

RAD51L1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005890-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RAD51L1 expression in transfected 293T cell line ([H00005890-T02](#)) by RAD51L1 MaxPab polyclonal antibody.

Lane 1: RAD51L1 transfected lysate(42.20 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RAD51L1 protein.
Immunogen	RAD51L1 (NP_598193.2, 1 a.a. ~ 384 a.a) full-length human protein.
Sequence	MGSKKLKRVGLSQELCDRLSRHQILTCQDFLCLSPLELMKVTGLSYRGVHELLCMVSRACAPKM QTAYGIKAQRSADFSPAFLSTTLSALDEALHGGVACGSLTEITGPPGCGKTQFCIMMSILATLPTNM GGLEGAVVYIDTESAFSAERLVEIAESRFPRYFNTEEEKLLLTSSKVHLYRELTCDENVLQRIESLEEEII SKGIKLVILDSVASVVRKEFDAQLQGNLKERNKFLAREASSLKYLAEFEFSIPVILTNQITTHLSGALA SQADLVSPADDLSLSEGTSGSSCVIAALGNTWSHVNTRLILQYLDSEERRQILIAKSPLAPFTSFVY TIKEEGLVLQETTFCSVTQAEINWAPAILPPQPPEQLGLQMCHHTQLIF
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 (Transfected lysate)

Western Blot analysis of RAD51L1 expression in transfected 293T cell line ([H00005890-T02](#)) by RAD51L1 MaxPab polyclonal antibody.

Lane 1: RAD51L1 transfected lysate(42.20 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — RAD51L1

Entrez GeneID [5890](#)

GeneBank Accession# [NM_133509](#)

Protein Accession# [NP_598193.2](#)

Gene Name RAD51L1

Gene Alias MGC34245, R51H2, RAD51B, REC2, hREC2

Gene Description RAD51-like 1 (S. cerevisiae)

Omim ID [602948](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the RAD51 protein family. RAD51 family members are evolutionarily conserved proteins essential for DNA repair by homologous recombination. This protein has been shown to form a stable heterodimer with the family member RAD51C, which further interacts with the other family members, such as RAD51, XRCC2, and XRCC3. Overexpression of this gene was found to cause cell cycle G1 delay and cell apoptosis, which suggested a role of this protein in sensing DNA damage. At least three alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]

Other Designations DNA repair protein RAD51 homolog 2|RAD51 homolog B|RAD51-like 1|RecA-like protein|recombination repair protein

Pathway

- [Homologous recombination](#)

Disease

- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Tobacco Use Disorder](#)
- [Werner syndrome](#)