

ARG63242 anti-Rad51C antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Rad51C
Tested Reactivity	Hu
Tested Application	WB
Specificity	This antibody is expected to recognise all reported human isoforms.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Rad51C
Species	Human
Immunogen	RGKTRFEMQRDL-C
Conjugation	Un-conjugated
Alternate Names	DNA repair protein RAD51 homolog 3; RAD51 homolog C; RAD51L2; RAD51-like protein 2; BROVCA3; R51H3; FANCO

Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

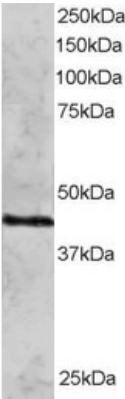
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 5889 Human Swiss-port # O43502 Human
Background	This gene is a member of the RAD51 family of related genes, which encode strand-transfer proteins thought to be involved in recombinational repair of damaged DNA and in meiotic recombination. This gene product interacts with two other DNA repair proteins, encoded by RAD51B and XRCC3, but not with itself. The protein copurifies with XRCC3 protein in a complex, reflecting their endogenous association and suggesting a cooperative role during recombinational repair. This gene is one of four localized to a region of chromosome 17q23 where amplification occurs frequently in breast tumors. Overexpression of the four genes during amplification has been observed and suggests a possible role in tumor progression. Alternative splicing has been observed for this gene and two variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Research Area	Gene Regulation antibody
Calculated Mw	42 kDa

Images



ARG63242 anti-Rad51C antibody WB image

Western blot: HeLa lysate (RIPA buffer, 30µg total protein per lane) stained with ARG63242 anti-Rad51C antibody at 2 µg/ml dilution.