

Rabbit RAD51C Polyclonal Antibody | anti-RAD51C antibody

Anti-RAD51C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259950	Rabbit	Human, Monkey	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RAD51C; Polyclonal Antibody; Anti-RAD51C Antibody; RAD51L2; DNA repair protein RAD51 homolog 3; R51H3; RAD51 homolog C; RAD51-like protein 2; anti-RAD51C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of RAD51C protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	135
Applicable Applications for anti-RAD51C antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RAD51C. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



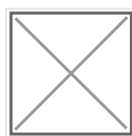
IF (Immunofluorescence)

Immunofluorescent analysis of RAD51C staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of RAD51C staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of RAD51C expression in HeLa (A), COS7 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-RAD51C antibody	Rabbit polyclonal antibody to RAD51C
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506391
NCBI GeneID	5889
NCBI Accession #	NP_002867.1
NCBI GenBank Nucleotide #	NM_002876.3
UniProt Accession #	O43502; O43503; Q3B783
Molecular Weight	14,883 Da
NCBI Official Full Name	DNA repair protein RAD51 homolog 3 isoform 2
NCBI Official Synonym Full Names	RAD51 paralog C
NCBI Official Symbol	RAD51C
NCBI Official Synonym Symbols	FANCO; R51H3; BROVCA3; RAD51L2
NCBI Protein Information	DNA repair protein RAD51 homolog 3
UniProt Protein Name	DNA repair protein RAD51 homolog 3
UniProt Gene Name	RAD51C
UniProt Synonym Gene Names	RAD51L2; R51H3
UniProt Entry Name	RA51C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rad51c-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/259950>