

Rabbit RAD21 Polyclonal Antibody | anti-RAD21 antibody

Anti-RAD21 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA261539	Rabbit	Human, Mouse, Rat, Bovine, Zebrafish	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RAD21; Polyclonal Antibody; Anti-RAD21 Antibody; HR21; KIAA0078; NXP1; Double-strand-break repair protein rad21 homolog; hHR21; Nuclear matrix protein 1; NXP-1; SCC1 homolog; anti-RAD21 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of RAD21 protein.
Purity/Purification	The antibody was purified by affinity chromatography.
Form/Format	Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% Sodium Azide.
Sequence Length	631
Applicable Applications for anti-RAD21 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RAD21. 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



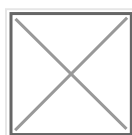
IF (Immunofluorescence)

Immunofluorescent analysis of RAD21 staining in Jurkat 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 RAD21 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 RAD21 expression in Jurkat (A), A431 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-RAD21 antibody	Rabbit polyclonal antibody to RAD21
---	-------------------------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	25091097
NCBI GeneID	5885
UniProt Accession #	O60216; Q15001; Q99568; A8K0E0
Molecular Weight	71,690 Da
NCBI Official Full Name	Double-strand-break repair protein rad21 homolog
NCBI Official Synonym Full Names	RAD21 cohesin complex component
NCBI Official Symbol	RAD21
NCBI Official Synonym Symbols	HR21; MCD1; NXP1; SCC1; CDLS4; hHR21; HRAD21
NCBI Protein Information	double-strand-break repair protein rad21 homolog
UniProt Protein Name	Double-strand-break repair protein rad21 homolog
UniProt Gene Name	RAD21
UniProt Synonym Gene Names	HR21; KIAA0078; NXP1; hHR21; NXP-1
UniProt Entry Name	RAD21_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/rad21-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/261539>