

Datasheet for ABIN2855606
anti-RAD54B antibody (C-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	RAD54B
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD54B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human RAD54B. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to Rad54B (RAD54 homolog B (S. cerevisiae)) Rad54B antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	RAD54B
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Target Details

Alternative Name:	RAD54 homolog B (RAD54B Products)
Background:	<p>The protein encoded by this gene belongs to the DEAD-like helicase superfamily. It shares similarity with <i>Saccharomyces cerevisiae</i> RAD54 and RDH54, both of which are involved in homologous recombination and repair of DNA. This protein binds to double-stranded DNA, and displays ATPase activity in the presence of DNA. This gene is highly expressed in testis and spleen, which suggests active roles in meiotic and mitotic recombination. Homozygous mutations of this gene were observed in primary lymphoma and colon cancer.</p> <p>Cellular Localization: Nucleus</p>
Gene ID:	25788
UniProt:	Q9Y620 , O95073

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Molt-4
Restrictions:	For Research Use only

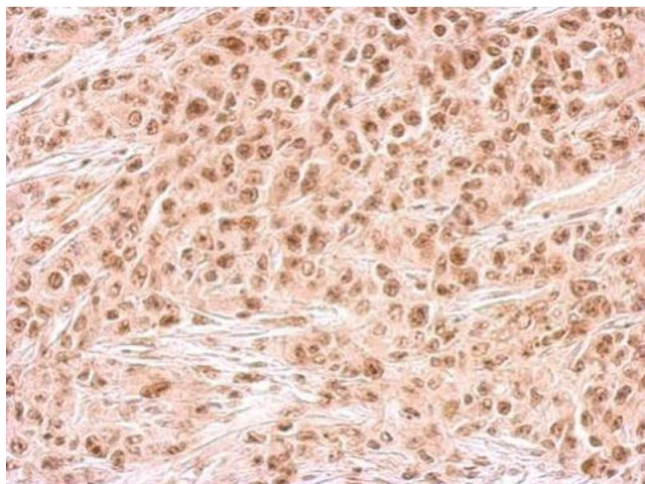
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Publications

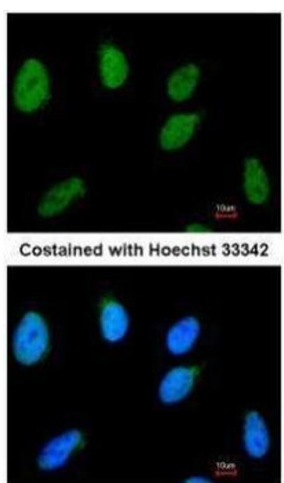
Product cited in: Shirozu, Iwano, Ogiso, Suzuki, Balboula, Bai, Kawahara, Kimura, Takahashi, Rulan, Kim, Yanagawa, Nagano, Imakawa, Takahashi: "Estrous cycle stage-dependent manner of type I interferon-stimulated genes induction in the bovine endometrium." in: **The Journal of reproduction and development**, Vol. 63, Issue 3, pp. 211-220, (2018) ([PubMed](#)).

Images



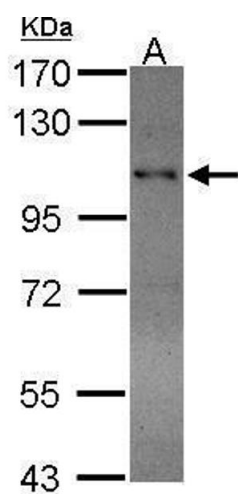
Immunohistochemistry

Image 1. IHC-P Image Rad54B antibody detects RAD54B protein at on SAS xenograft by immunohistochemical analysis. Sample: Paraffin-embedded SAS xenograft. Rad54B antibody , dilution: 1:500.



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using RAD54B, antibody at 1:100 dilution.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A:
Molt-4 , 7.5% SDS PAGE antibody diluted at 1:500