

Datasheet for ABIN1715101  
**anti-RAD51 antibody (AA 65-170)**



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1 Image

## Overview

Quantity:	100 µL
Target:	RAD51
Binding Specificity:	AA 65-170
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD51 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Rad51
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	RAD51
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### Target Details

Alternative Name:	Rad51 ( <a href="#">RAD51 Products</a> )
Background:	<p>Synonyms: RECA, BRCC5, MRMV2, HRAD51, RAD51A, HsRad51, HsT16930, DNA repair protein RAD51 homolog 1, RAD51 homolog A, RAD51</p> <p>Background: Participates in a common DNA damage response pathway associated with the activation of homologous recombination and double-strand break repair. Binds to single and double-stranded DNA and exhibits DNA-dependent ATPase activity. Underwinds duplex DNA and forms helical nucleoprotein filaments. Part of a PALB2-scaffolded HR complex containing BRCA2 and RAD51C and which is thought to play a role in DNA repair by HR. Plays a role in regulating mitochondrial DNA copy number under conditions of oxidative stress in the presence of RAD51C and XRCC3.</p>
Gene ID:	5888
UniProt:	<a href="#">Q06609</a>
Pathways:	<a href="#">DNA Damage Repair</a>

### Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

### Handling

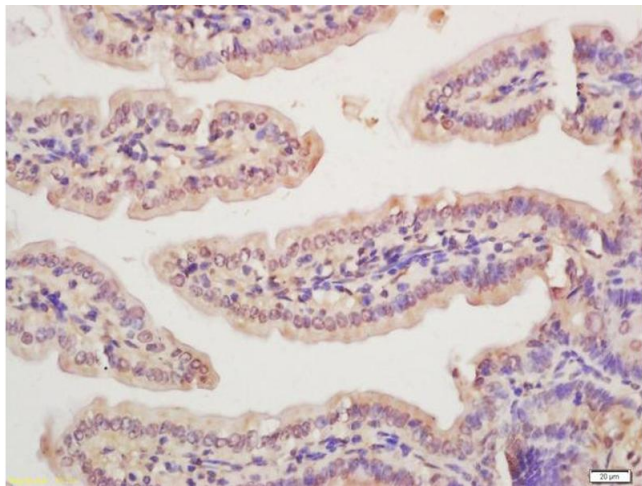
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

## Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

## Images



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded mouse intestine labeled with Anti-Rad51 Polyclonal Antibody, Unconjugated (ABIN1715101) at 1:200 followed by conjugation to the secondary antibody and DAB staining