



[Go to Product page](#)

Datasheet for ABIN735758
anti-RAD52 antibody (AA 101-200)

Overview

Quantity:	100 µL
Target:	RAD52
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD52 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Rad52
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	RAD52
Alternative Name:	Rad52 (RAD52 Products)

Target Details

Background:	<p>Synonyms: DNA repair protein RAD52, DNA repair protein RAD52 homolog, RAD 52, RAD52 homolog <i>S. cerevisiae</i>, RAD52 homolog, Recombination protein RAD52, Rhabdomyosarcoma antigen MU RMS 40.23.</p> <p>Background: DNA double-strand breaks can be generated by exposure to ionizing radiation or through endogenous cellular reactions. Double-strand breaks are generally thought to be repaired via one of two distinct mechanisms: homologous recombination (HR) or non-homologous end joining (NHEJ). Homologous recombination requires the activity of the members of the RAD52 epistasis group, which include RAD50, RAD51, RAD52, RAD54, RDH54/TID1, RAD55, RAD57, RAD59, MRE11, and XRS2. RAD52 can catalyze strand annealing reactions, and can form oligomers that attach to ends of single-stranded DNA.</p>
Gene ID:	5893
Pathways:	DNA Damage Repair

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
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
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months