

## Rad52 (phospho Tyr104) Polyclonal Antibody

Catalog No: #13587



Package Size: #13587-1 50ul #13587-2 100ul

Orders: order@signalwayantibody.com

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## Description

Product Name	Rad52 (phospho Tyr104) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Monkey
Specificity	Phospho-Rad52 (Y104) Polyclonal Antibody detects endogenous levels of Rad52 protein only when phosphorylated at Y104.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human RAD52 around the phosphorylation site of Tyr104. AA range:70-119
Other Names	RAD52; DNA repair protein RAD52 homolog
Accession No.	Swiss Prot:P43351GeneID:5893
Uniprot	P43351
GeneID	5893
SDS-PAGE MW	46
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

## Background

RAD52 homolog, DNA repair protein(RAD52) Homo sapiens The protein encoded by this gene shares similarity with *Saccharomyces cerevisiae* Rad52, a protein important for DNA double-strand break repair and homologous recombination. This gene product was shown to bind single-stranded DNA ends, and mediate the DNA-DNA interaction necessary for the annealing of complementary DNA strands. It was also found to interact with DNA recombination protein RAD51, which suggested its role in RAD51 related DNA recombination and repair. A pseudogene of this gene is present on chromosome 2. Alternative splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Jul 2014],

Note: This product is for in vitro research use only