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Anti-RAD52 (Phospho-Y104) Antibody

Catalog # AP51651

Product Information

Application	WB, IHC
Primary Accession	P43351
Reactivity	Human, Mouse, Rat, Pig, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46169

Additional Information

Gene ID	5893
Other Names	DNA repair protein RAD52 homolog
Target/Specificity	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y104 of human RAD52 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

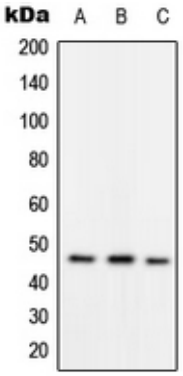
Protein Information

Name	RAD52
Function	Involved in double-stranded break repair. Plays a central role in genetic recombination and DNA repair by promoting the annealing of complementary single-stranded DNA and by stimulation of the RAD51 recombinase.
Cellular Location	Nucleus.

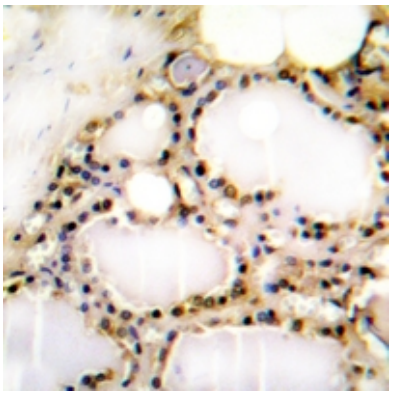
References

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Images



Western blot analysis of RAD52 (Phospho-Y104) expression in HepG2 (A), mouse spleen (B), rat spleen (C) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 46 kD)



Immunohistochemical analysis of RAD52 (Phospho-Y104) staining in human testis 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.