

Anti-RAD52B Antibody

Catalog # AP53863

Product Information

Application	WB, IHC
Primary Accession	Q8NG50
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31970

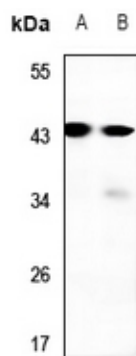
Additional Information

Gene ID	201299
Other Names	RAD52B; RAD52 motif-containing protein 1; RAD52 homolog B
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RAD52B. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200
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

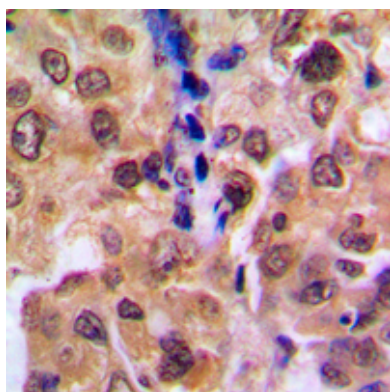
Protein Information

Name	RDM1
Synonyms	RAD52B
Function	May confer resistance to the antitumor agent cisplatin. Binds to DNA and RNA.
Cellular Location	Nucleus. Cytoplasm. Nucleus, nucleolus. Note=Isoform 3 and isoform 10 are predominantly nuclear and nucleolar. After treatment with proteasomal inhibitors and mild heat-shock stress, isoform 1, isoform 3, isoform 5, isoform 7, isoform 8 and isoform 10 are relocalized to the nucleolus as dot-like or irregular subnuclear structures. Isoform 1 colocalized with nuclear promyelocytic leukemia (PML) and Cajal bodies (CB); this association with nuclear bodies is enhanced in response to proteotoxic stress. Isoform 3, but not isoform 1 and isoform 5, is relocalized in nucleolar caps during transcriptional arrest
Tissue Location	Expressed in testis..

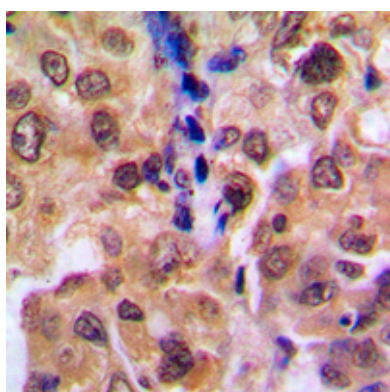
Images



Western blot analysis of RAD52B expression in mouse testis (A), rat testis (B) whole cell lysates. (Predicted band size: 31 kD; Observed band size: 45 kD)



Immunohistochemical analysis of RAD52B staining in human breast cancer 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.



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