Datasheet for ABIN1531696

anti-RAD52 antibody (pTyr104)

2 Images

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Overview

Quantity:	100 µg
Target:	RAD52
Binding Specificity:	AA 70-119, pTyr104
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD52 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human RAD52 around the phosphorylation site of Tyr104.
Isotype:	IgG
Specificity:	RAD52 (Phospho-Tyr104) Antibody detects endogenous levels of RAD52 only when phosphorylated at Tyr104. PhosphorylationH:Y104 M:Y105
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

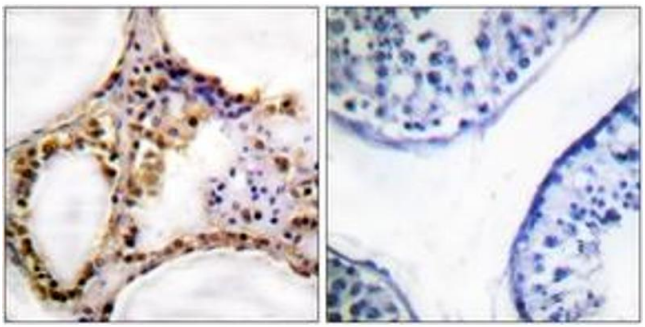
Target:	RAD52
Alternative Name:	RAD52 (RAD52 Products)
Background:	Synonyms: DNA repair protein RAD52 homolog, RA52 NCBI Gene Symbol: RAD52
Molecular Weight:	46 kDa
Gene ID:	5893
OMIM:	600392
UniProt:	P43351
Pathways:	DNA Damage Repair

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.709202 (NCBI Gene Symbol: RAD52)
Restrictions:	For Research Use only

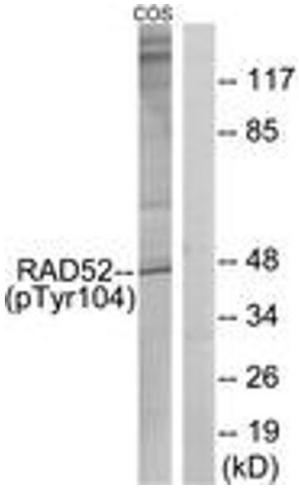
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human testis, using RAD52 (Phospho-Tyr104) Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from COS7 cells treated with H2O2 100uM 30', using RAD52 (Phospho-Tyr104) Antibody. The lane on the right is treated with the synthesized peptide.