

## Anti-Rad51 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P011841

### Product Information

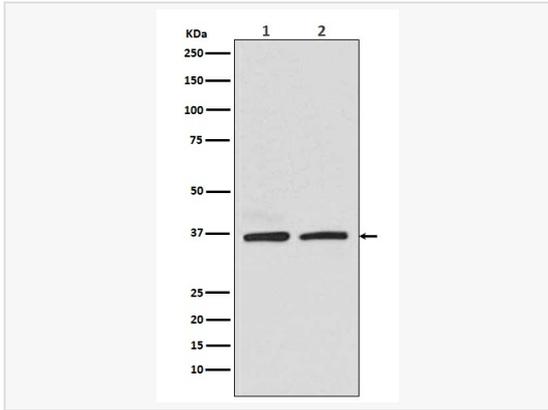
Application	WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, FC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20; FC 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Rad51
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Rad51 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

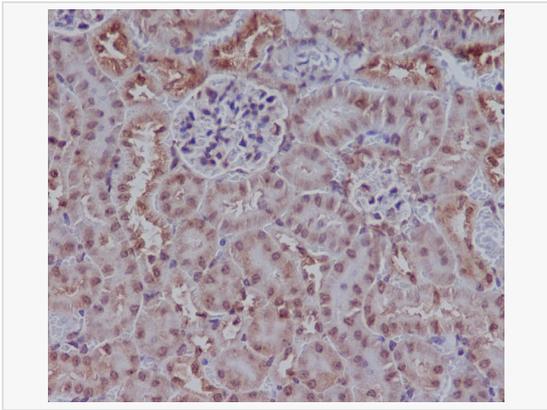
Synonyms	RAD51, RAD51A, RECA, DNA repair protein RAD51 homolog 1, HsRAD51, hRAD51, RAD51 homolog A.
Calculated MW	Calculated MW: 37 kDa; Observed MW: 37 kDa
Uniprot ID	Q06609
Gene ID	5888
Background	Rad51 participates in a common DNA damage response pathway associated with the activation of homologous recombination and double-strand break repair. Binds to single and double-stranded DNA and exhibits DNA-dependent ATPase activity. Underwinds duplex DNA and forms helical nucleoprotein filaments.

## Validation Images

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Western blot analysis of Rad51 in (1) HEK293 lysates; (2) K562 lysates using Rad51 antibody.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using Rad51 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.