

Rad51 Antibody

Catalog No: T55080

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC



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400-6123-828

Information

UniProt ID: Q06609

All Names: RAD51 homolog A; DNA repair protein RAD51 homolog 1; RAD51A; RECAhomolog *S. cerevisiae*; RAD51A; RECA; Rad 51; RecA homolog *E. coli*; RecA like protein;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

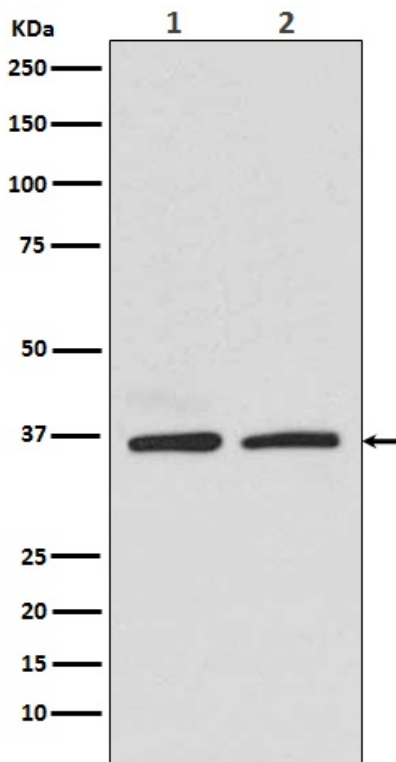
Molecular Wt.: 37kDa

Application

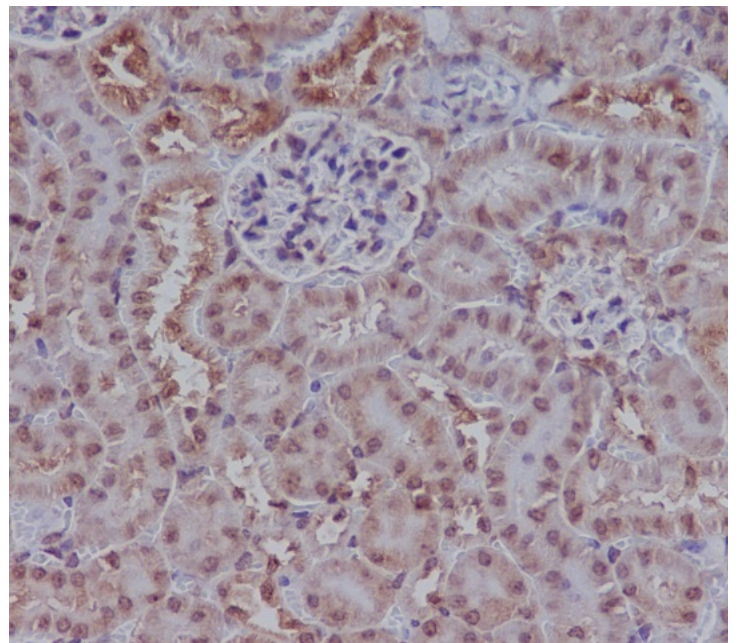
WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:50

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.



Western blot analysis of Rad51 in (1) HEK293 cell lysate; (2) K562 cell lysate.



Immunohistochemical analysis of paraffin-embedded mouse kidney, using Rad51 Antibody.