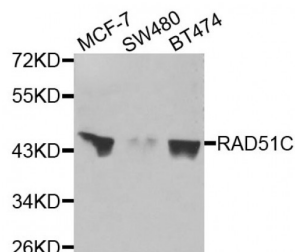


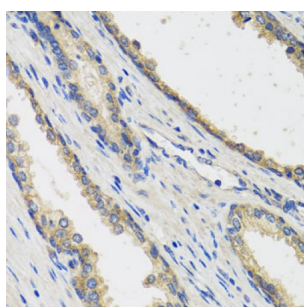
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RAD51 Paralog C (RAD51C) Antibody

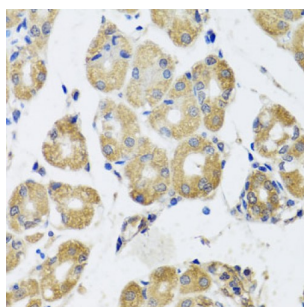
Catalogue No.: abx005280



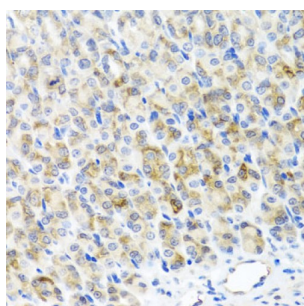
Western blot analysis of extracts of various cell lines, using RAD51C antibody (abx005280) at 1/1000 dilution.



Immunohistochemistry of paraffin-embedded human prostate using RAD51C antibody (abx005280) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using RAD51C antibody (abx005280) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse stomach using RAD51C antibody (abx005280) at dilution of 1/100 (40x lens).

RAD51C Antibody is a Rabbit Polyclonal antibody against RAD51C. This gene is a member of the RAD51 family. RAD51 family members are highly similar to bacterial RecA and *Saccharomyces cerevisiae* Rad51 and are known to be involved in the homologous recombination and repair of DNA. This protein can interact with other RAD51 paralogs and is reported to be important for Holliday junction resolution. Mutations in this gene are associated with Fanconi anemia-like syndrome. This gene is one of four localized to a region of chromosome 17q23 where amplification occurs frequently in breast tumors. Overexpression of the four genes during amplification has been observed and suggests a possible role in tumor progression. Alternative splicing results in multiple transcript variants.

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Target: RAD51C

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human RAD51C.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 14 kDa/42 kDa
Observed MW: 42 kDa

Swiss Prot: [O43502](#)

GeneID: [5889](#)

Gene Symbol: RAD51C

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.