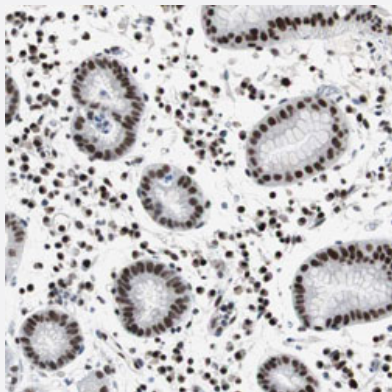


RAD9A polyclonal antibody

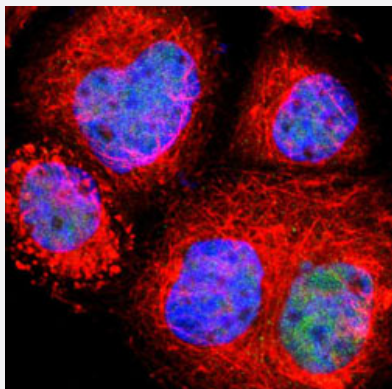
Catalog # PAB30763 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human stomach with RAD9A polyclonal antibody (Cat # PAB30763) shows strong nuclear positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of A-431 cells with RAD9A polyclonal antibody (Cat # PAB30763) (Green) shows positivity in nucleus but excluded from the nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human RAD9A.
Immunogen	Recombinant protein corresponding to human RAD9A.
Sequence	AIFTIKDSLDDGHFVLATLSDTDSHSQDLGSPERHQVPVQLQAHSTPHPDDFANDDIDSYMIAMET TIGNEGSRLVPSISLSPGPQPPKSPGPHSEEEDEAPSTVPGTPPPKKFRSLFFGSILAPV
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — RAD9A

Entrez GeneID	5883
Protein Accession#	Q99638
Gene Name	RAD9A
Gene Alias	RAD9
Gene Description	RAD9 homolog A (S. pombe)
Omim ID	603761
Gene Ontology	Hyperlink

Gene Summary

This gene product is highly similar to Schizosaccharomyces pombe rad9, a cell cycle checkpoint protein required for cell cycle arrest and DNA damage repair in response to DNA damage. This protein is found to possess 3' to 5' exonuclease activity, which may contribute to its role in sensing and repairing DNA damage. It forms a checkpoint protein complex with RAD1 and HUS1. This complex is recruited by checkpoint protein RAD17 to the sites of DNA damage, which is thought to be important for triggering the checkpoint-signaling cascade. Use of alternative polyA sites has been noted for this gene. [provided by RefSeq]

Other Designations

RAD9 homolog|cell cycle checkpoint control protein

Disease

- [Ataxia telangiectasia](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Kidney Failure](#)