

## ARG63561 anti-PIR51 / RAD51AP1 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes PIR51 / RAD51AP1
Tested Reactivity	Hu
Predict Reactivity	Cow, Dog
Tested Application	FACS, ICC/IF, IHC-P
Specificity	This antibody is expected to recognise both reported isoforms.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PIR51 / RAD51AP1
Species	Human
Immunogen	C-ARVKPLHPNATST
Conjugation	Un-conjugated
Alternate Names	RAD51-associated protein 1; RAD51-interacting protein; PIR51

### Application Instructions

Application table	Application	Dilution
	FACS	10 - 20 µg/ml
	ICC/IF	10 - 20 µg/ml
	IHC-P	4 - 6 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

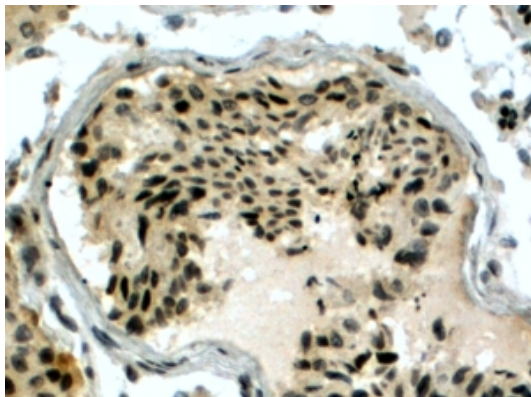
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

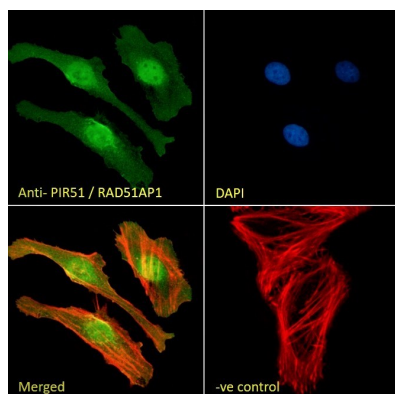
Database links	<a href="#">GeneID: 10635 Human</a> <a href="#">Swiss-port # Q96B01 Human</a>
Gene Symbol	RAD51AP1
Gene Full Name	RAD51 associated protein 1
Function	May participate in a common DNA damage response pathway associated with the activation of homologous recombination and double-strand break repair. Functionally cooperates with PALB2 in promoting of D-loop formation by RAD51. Binds to single and double stranded DNA, and is capable of aggregating DNA. Also binds RNA. [UniProt]
Research Area	Gene Regulation antibody
Calculated Mw	38 kDa

## Images



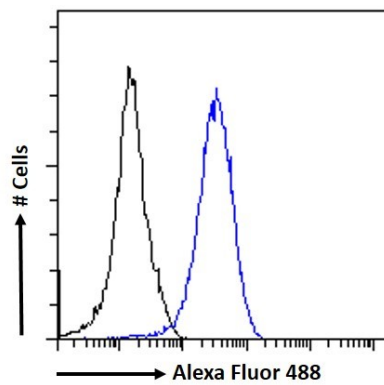
ARG63561 anti-PIR51 / RAD51AP1 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Testis. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63561 anti-PIR51 / RAD51AP1 antibody at 4 µg/ml dilution followed by HRP-staining.



ARG63561 anti-PIR51 / RAD51AP1 antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG63561 anti-PIR51 / RAD51AP1 antibody at 10ug/ml dilution.



ARG63561 anti-PIR51 / RAD51AP1 antibody FACS image

Flow Cytometry: HeLa stained with ARG63561 anti-PIR51 / RAD51AP1 antibody at 10ug/ml dilution.