antibodies - online.com







anti-RAD51 antibody (AA 241-339)

Images



Overview

Quantity:	100 μL
Target:	RAD51
Binding Specificity:	AA 241-339
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD51 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Rad51
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Pig
Purification:	Purified by Protein A.

Target Details

Target: RAD51

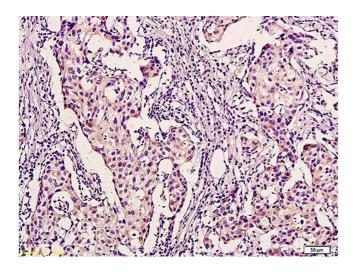
Target Details

Alternative Name:	Rad51 (RAD51 Products)
Background:	
	Synonyms: RECA, BRCC5, MRMV2, HRAD51, RAD51A, HsRad51, HsT16930, DNA repair proteir RAD51 homolog 1, RAD51 homolog A, RAD51
	Background: 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. Part of a PALB2-scaffolded HR complex containing
	BRCA2 and RAD51C and which is thought to play a role in DNA repair by HR. Plays a role in
	regulating mitochondrial DNA copy number under conditions of oxidative stress in the presence
	of RAD51C and XRCC3.
Gene ID:	5888
UniProt:	Q06609
Pathways:	DNA Damage Repair
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.

Handling

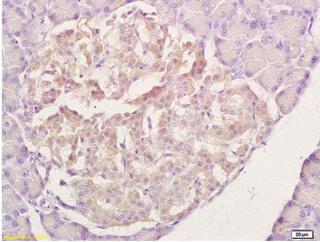
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human breast carcinoma labeled with Anti-Rad51 Polyclonal Antibody, Unconjugated (ABIN673584) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat pancreas labeled with Anti-Rad51 Polyclonal Antibody, unconjugated (ABIN673584) at 1:200 followed by incubation with conjugated secondary antibody and DAB staining.