Datasheet for ABIN928888

anti-RAD21 antibody (C-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	RAD21
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD21 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Rad21 antibody was raised in rabbit using the C terminal of Rad21 as the immunogen
Cross-Reactivity:	Rat (Rattus)
Purification:	Purified

Target Details

Target:	RAD21
Alternative Name:	Rad21 (RAD21 Products)
Background:	The protein encoded by this gene is highly similar to the gene product of Schizosaccharomyces pombe rad21, a gene involved in the repair of DNA double-strand breaks, as well as in chromatid cohesion during mitosis. This protein is a nuclear phospho-protein, which becomes hyperphosphorylated in cell cycle M phase. The highly regulated association of this protein with

Target Details

	mitotic chromatin specifically at the centromere region suggests its role in sister chromatid cohesion in mitotic cells. Synonyms: Polyclonal Rad21 antibody, Anti-Rad21 antibody, RAD21 homolog, S. pombe antibody, MGC116373 antibody, Rad21 antibody.
Pathways:	Positive Regulation of Endopeptidase Activity

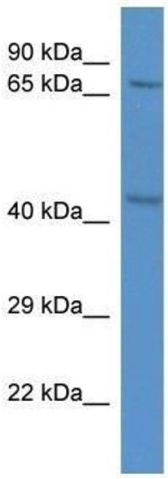
Application Details

Application Notes:	Optimal conditions should be determined by the investigator.
Comment:	Rad21 Blocking Peptide, catalog no. 33R-3070, is also available for use as a blocking control in assays to test for specificity of this Rad21 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. Western Blot showing Rad21 antibody used at a concentration of 1.0 ug/ml against Rat Heart Lysate