Datasheet for ABIN954429

anti-RAD1 antibody (Middle Region)

1 Image

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Overview

Quantity:	0.4 mL
Target:	RAD1
Binding Specificity:	AA 117-146, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 117-146 amino acids from the Central region of Human RAD1. Genename: RAD1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human RAD1 (Center).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	RAD1
Alternative Name:	RAD1 (RAD1 Products)
Background:	This gene encodes a component of a heterotrimeric cell cycle checkpoint complex, known as

Target Details

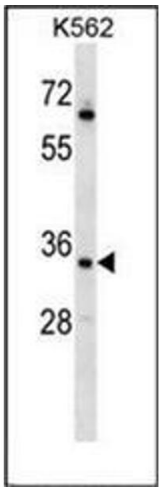
	the 9-1-1 complex, that is activated to stop cell cycle progression in response to DNA damage or incomplete DNA replication. The 9-1-1 complex is recruited by RAD17 to affected sites where it may attract specialized DNA polymerases and other DNA repair effectors. Alternatively spliced transcript variants of this gene have been described. [provided by RefSeq].Synonyms: Cell cycle checkpoint protein RAD1, DNA repair exonuclease rad1 homolog, REC1, Rad1-like DNA damage checkpoint protein
Molecular Weight:	31827 Da
Gene ID:	5810
NCBI Accession:	NP_002844
Pathways:	M Phase

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of RAD1 Antibody in K562 cell line lysates (35ug/lane). This demonstrates the RAD1 antibody detected the RAD1 protein (arrow).