Datasheet for ABIN655910

anti-ATRX antibody (C-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	ATRX
Binding Specificity:	AA 634-663, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATRX antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This RAD54 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 634-663 amino acids from the C-terminal region of human RAD54.
Clone:	RB20635
Isotype:	Ig Fraction
Predicted Reactivity:	C, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ATRX
Alternative Name:	RAD54 (ATRX Products)

Target Details

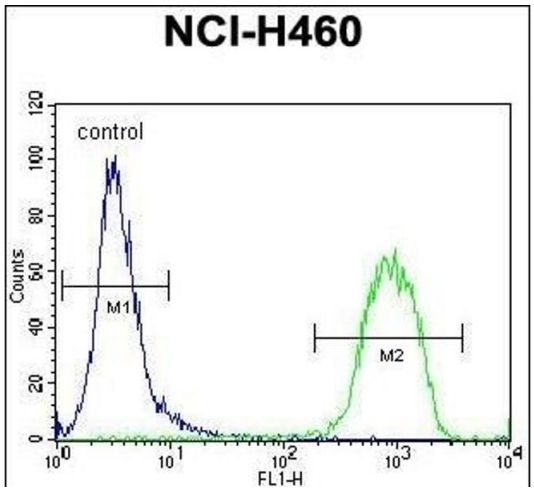
Background:	The protein encoded by this gene belongs to the DEAD-like helicase superfamily, and shares similarity with Saccharomyces cerevisiae Rad54, a protein known to be involved in the homologous recombination and repair of DNA. This protein has been shown to play a role in homologous recombination related repair of DNA double-strand breaks. The binding of this protein to double-strand DNA induces a DNA topological change, which is thought to facilitate homologous DNA paring, and stimulate DNA recombination. Alternative splicing results in multiple transcript variants encoding the same protein.
Molecular Weight:	84352
Gene ID:	8438
NCBI Accession:	NP_001136020, NP_003570
UniProt:	Q92698

Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

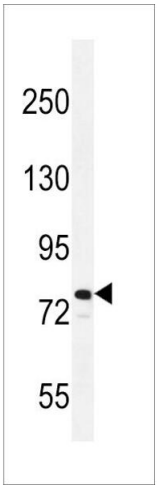
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. RAD54 Antibody (C-term) (ABIN655910 and ABIN2845309) flow cytometric analysis of NCI- cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. RAD54 Antibody (C-term) (ABIN655910 and ABIN2845309) western blot analysis in NCI- cell line lysates (35 µg/lane).This demonstrates the RAD54 antibody detected the RAD54 protein (arrow).

