

Datasheet for ABIN6936439

## Recombinant anti-ATRX antibody



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### Overview

Quantity:	100 µg
Target:	ATRX
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This ATRX antibody is un-conjugated
Application:	Immunostaining (IST), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

### Product Details

Immunogen:	Recombinant human ATRX protein
Clone:	ATRX-2900R
Isotype:	IgG
Specificity:	<p>ATRX is a member of the Snf2 family of helicase/ATPases, which contribute to the remodeling of the nucleosome structure in an ATP-dependent manner, and facilitate the initiation of transcription and replication. Structurally, ATRX contains a PHD zinc finger motif. ATRX is regulated throughout the cell cycle where it is differentially distributed within the nucleus. During interphase, ATRX predominately associates with the nuclear matrix, while during mitosis, ATRX localizes with condensed chromatin. At the onset of M phase, phosphorylation rapidly induces this redistribution of ATRX to the short arms of human acrocentric chromosomes, where it then specifically complexes with heterochromatin protein 1</p>

## Product Details

	thalassemia or ATRX syndrome
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

## Target Details

Target:	ATRX
Alternative Name:	ATRX ( <a href="#">ATRX Products</a> )
Background:	Alpha thalassemia/mental retardation syndrome X linked homolog, ATP-dependent helicase ATRX, ATR2, ATRX, DNA-dependent ATPase and helicase, MRXHF1, RAD54, RAD54L, SFM1, SHS, Transcriptional regulator ATRX, X-linked helicase II, X-linked nuclear protein, XH2, XNP, Znf-HX,ATRX / RAD54 (Alpha Thalassemia Mental Retardation)  Cellular localisation: Nuclear
Molecular Weight:	280kDa
Gene ID:	546, 533526, 653797
UniProt:	<a href="#">P46100</a>

## Application Details

Application Notes:	Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues is enhanced by heating tissue sections in 10 mM Tris with 1 mM EDTA Buffer, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.  Positive_Control: Raji, HeLa or A431 cells. Pancreas, Adrenal, Ovary, Kidney, Prostate or Stomach.
Restrictions:	For Research Use only

## Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C

## Handling

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Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
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Expiry Date:	24 months
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