

## Datasheet for ABIN6936438 **anti-ATRX antibody**

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### Overview

Quantity:	100 µg
Target:	ATRX
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ATRX antibody is un-conjugated
Application:	ELISA, Coating (Coat)

### Product Details

Immunogen:	Recombinant human ATRX protein
Clone:	23c
Isotype:	IgG1 kappa
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> <p>thalassemia or ATRX syndrome</p>

## Product Details

Cross-Reactivity (Details): Human.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

## Target Details

Target: ATRX

Alternative Name: ATRX ([ATRX Products](#))

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: [P46100](#)

## Application Details

Application Notes: Known\_Application: ELISA (Use Ab at 2-4 µg/mL for coating) (Order Ab without BSA), 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

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

Expiry Date: 24 months