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Recombinant anti-ATRX antibody

Images



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Quantity:	100 μg
Target:	ATRX
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This ATRX antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunostaining (ISt), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human ATRX protein
Clone:	ATRX-2900R
Isotype:	IgG
Purification:	Purified by Protein A/G

Target Details

Target:	ATRX	
Alternative Name:	ATRX (ATRX Products)	
Background:	ATRX is a member of the Snf2 family of helicase/ATPases, which contribute to the remode	
	of the nucelosome 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
thalassemia or ATRX syndrome

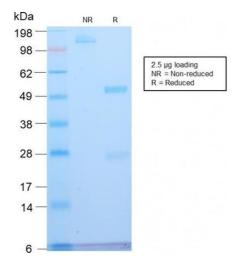
Molecular Weight:	280kDa
Gene ID:	546
UniProt:	P46100

Application Details

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

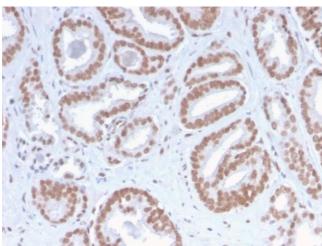
Handling

Concentration:	200 μg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % 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,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified ATRX Rabbit Recombinant Monoclonal Antibody (ATRX/2900R). Confirmation of Integrity and Purity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Prostate Carcinoma stained with ATRX Rabbit Recombinant Monoclonal Antibody (ATRX/2900R).