

Rabbit anti-Human, Mouse ATRX Polyclonal Antibody | anti-ATRX antibody

ATRX antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA308016	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

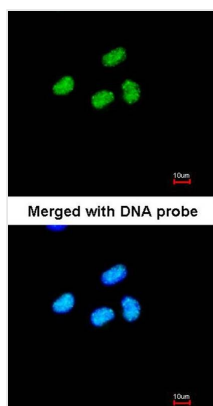
PRODUCT SYNONYMS

ATRX; Polyclonal Antibody; ATRX antibody; anti-ATRX antibody

PRODUCT SPECIFICATIONS

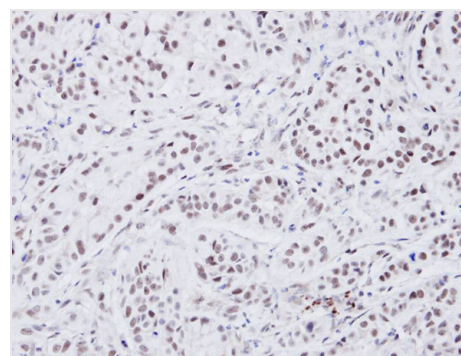
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	2492
Applicable Applications for anti-ATRX antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 2161 and 2413 of ATRX
Target Name	ATRX
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



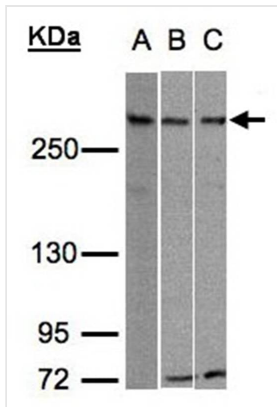
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using ATRX antibody at 1: 200 dilution.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded A549 xenograft, using ATRX antibody at 1: 100 dilution.



Application Data

Sample (30ug whole cell lysate)A: 293TB: Hep G2 C: Raji 5% SDS PAGEPrimary antibody diluted at 1: 500

ADDITIONAL INFORMATION

Related Product Information for anti-ATRX antibody	The protein encoded by this gene contains an ATPase/helicase domain, and thus it belongs to the SWI/SNF family of chromatin remodeling proteins. The mutations of this gene are associated with an X-linked mental retardation (XLMR) syndrome most often accompanied by alpha-thalassemia (ATRX) syndrome. These mutations have been shown to cause diverse changes in the pattern of DNA methylation, which may provide a link between chromatin remodeling, DNA methylation, and gene expression in developmental processes. This protein is found to undergo cell cycle-dependent phosphorylation, which regulates its nuclear matrix and chromatin association, and suggests its involvement in the gene regulation at interphase and chromosomal segregation in mitosis. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]
Product Categories/Family for anti-ATRX antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	530788276
NCBI GeneID	546
NCBI Accession #	NP_000480
NCBI GenBank Nucleotide #	NM_000489.4
Molecular Weight	151,556 Da
NCBI Official Full Name	transcriptional regulator ATRX isoform 1
NCBI Official Synonym Full Names	alpha thalassemia/mental retardation syndrome X-linked
NCBI Official Symbol	ATRX
NCBI Official Synonym Symbols	JMS; SHS; XH2; XNP; ATR2; SFM1; MRX52; RAD54; MRXHF1; RAD54L; ZNF-HX
NCBI Protein Information	transcriptional regulator ATRX
UniProt Protein Name	Transcriptional regulator ATRX
UniProt Gene Name	ATRX
UniProt Synonym Gene Names	RAD54L; XH2; XNP
UniProt Entry Name	ATRX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

