

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

ATRX Rabbit pAb

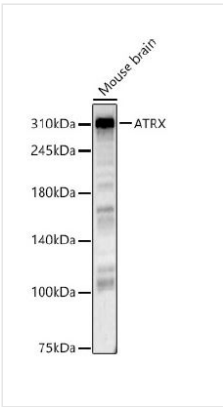
CATALOG # AAA282366	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

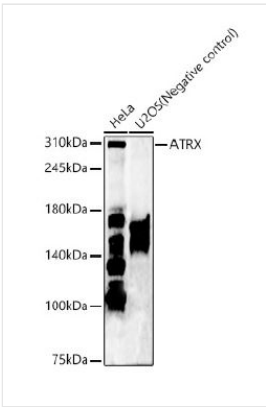
ATRX; Polyclonal Antibody; ATRX Rabbit pAb; JMS; XH2; XNP; MRX52; RAD54; RAD54L; ZNF-HX; anti-ATRX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence	EEFNDETNRV GRLFIISTKA GSLGINLVAA NRVIIFDASW NPSYDIQSIF RVYRFGQTKP VYVYRFLAQQ TMEDKIYDRQ VTKQSLSFVR VDQQQVERHF T
Applicable Applications for anti-ATRX antibody	WB (Western Blot)
Positive Samples	HeLa, Mouse brain
Cellular Location	nuclear body, nuclear chromosome, nucleoplasm, nucleus, PML body
Research Area	Epigenetics Nuclear Signaling, Transcription Factors, Chromatin Remodeling
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 2100-2200 of human ATRX (NP_000480.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack



WB (Western Blot)
Western blot analysis of Mouse brain, using ATRX Rabbit pAb (AAA282366) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.



WB (Western Blot)
Western blot analysis of various lysates, using ATRX Rabbit pAb (AAA282366) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.

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. 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. Mutations in this gene are associated with X-linked syndromes exhibiting cognitive disabilities as well as 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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported.
Product Categories/Family for anti-ATRX antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	20336209
NCBI GeneID	546
NCBI Accession #	NP_000480.2
NCBI GenBank Nucleotide #	NM_000489.3
UniProt Accession #	P46100; P51068; Q15886; Q59FB5; Q59H31; Q5H9A2; Q5JWI4; Q7Z2J1; Q9H0Z1; Q9NTS3; D3DTE2
Molecular Weight	282,586 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; RAD54; MRXHF1; RAD54L; ZNF-HX
NCBI Protein Information	transcriptional regulator ATRX; RAD54 homolog; X-linked helicase II; Zinc finger helicase; helicase 2, X-linked; X-linked nuclear protein; ATP-dependent helicase ATRX; DNA dependent ATPase and helicase; alpha thalassemia/mental retardation syndrome X-link
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atrx-antibody-western-blot-elisa/282366>