

ATRX Polyclonal Antibody

Cat No: HR1AP7776

For research use only

Overview

Product Name	ATRX Polyclonal Antibody
Source	Rabbit
Applications	IF,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	kDa
GeneID?Human?	ATRX
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	ATRX; RAD54L; XH2; Transcriptional regulator ATRX; ATP-dependent helicase ATRX; X-linked helicase II; X-linked nuclear protein; XNP; Znf-HX
Background	ATRX, chromatin remodeler(ATRX) Homo sapiens 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 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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Aug 2013],