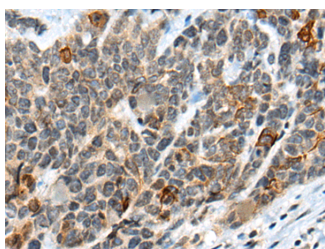


ATRX Polyclonal Antibody

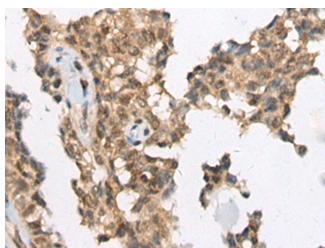
Catalog No.	E-AB-19609	Reactivity	H,M
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ATRX Polyclonal Antibody at dilution of 1:50(×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ATRX Polyclonal Antibody at dilution of 1:50(×200)

Immunogen Information

Immunogen	Synthetic peptide of human ATRX
Gene Accession	NP000480
Swissprot	P46100
Synonyms	ATR2, Atrx, ATRX, X linked, MGC2094, MRXHF1, RAD54, RAD54L, SFM1, SHS, XH2, XNP, Znf HX, Znf-HX

Product Information

Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Purify	Antigen affinity purification
Dilution	IHC 1:30-1:150, ELISA 1:5000-1:10000

Background

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.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.