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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# ATRX MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00000546-B01

規格 : [ 50 uL ]

[List All](#)

## Specification

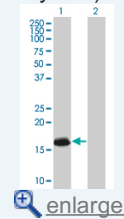
<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human ATRX protein.
<b>Immunogen:</b>	ATRX (AAH02521, 1 a.a. ~ 90 a.a) full-length human protein.
<b>Sequence:</b>	MTAEPMSSEKLNLTLVQQLHDFLAHSSESEETSSPPRLAMNQNTDKISG SGSNSDMMENSKEEGTSSSEKSKSSGSSRSKRKPSIVNKND
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	No additive
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Note:</b>	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.


**MSDS:**  [Download](#)

**Datasheet:**  [Download](#)

## Application Image

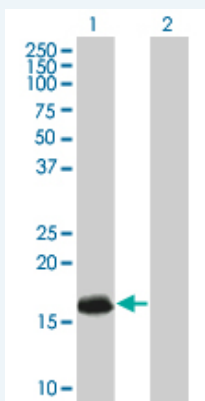
Western Blot (Transfected lysate)



 [enlarge](#)

## Applications

### Western Blot (Transfected lysate)



Western Blot analysis of ATRX expression in transfected 293T cell line ([H00000546-T01](#)) by ATRX MaxPab polyclonal antibody.

Lane 1: ATRX transfected lysate(9.9 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

## Gene Information

Entrez GeneID: [546](#)

GeneBank [BC002521](#)

Accession#:

Protein [AAH02521](#)

Accession#:

Gene Name: ATRX

Gene Alias: ATR2,MGC2094,MRXHF1,RAD54,RAD54L,SFM1,SHS,XH2,XNP,ZNF-HX

Gene Description: alpha thalassemia/mental retardation syndrome X-linked (RAD54 homolog, *S. cerevisiae*)

Omim ID: [300032](#), [300448](#), [301040](#), [309580](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** 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]

**Other Designations:** DNA dependent ATPase and helicase,OTTHUMP00000024265,OTTHUMP00000062079,X-linked nuclear protein,Zinc finger helicase,helicase 2, X-linked,transcriptional regulator ATRX

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