

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

ATRX Polyclonal Antibody

|                               |                       |                                   |                                                    |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA176939</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|

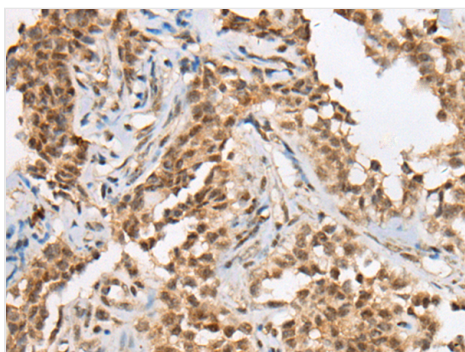
### PRODUCT SYNONYMS

ATRX; Polyclonal Antibody; ATRX Polyclonal Antibody; Alpha thalassemia/mental retardation syndrome X linked homolog; ATP dependent helicase ATRX; ATP-dependent helicase ATRX; ATR2; Atrx; DNA dependent ATPase and helicase; Helicase 2; X linked; MGC2094; MRXHF1; RAD54; RAD54L; SFM1; SHS; Transcriptional regulator ATRX; X linked helicase II; X linked nuclear protein; X-linked helicase II; X-linked nuclear protein; XH2; XNP; Znf HX; Znf-HX; anti-ATRX antibody

### PRODUCT SPECIFICATIONS

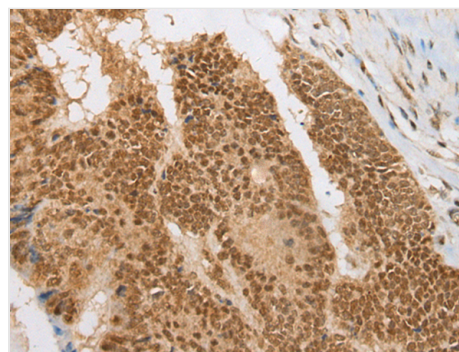
|                                                |                                                         |
|------------------------------------------------|---------------------------------------------------------|
| Host                                           | Rabbit                                                  |
| Reactivity                                     | Human, Mouse                                            |
| Clonality                                      | Polyclonal                                              |
| Isotype                                        | IgG                                                     |
| Purity/Purification                            | Antigen Affinity Purification                           |
| Form/Format                                    | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                  | 0.5mg/mL (varies by lot)                                |
| Sequence Length                                | 2492                                                    |
| Applicable Applications for anti-ATRX antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                      | Synthetic peptide of human ATRX                         |
| Conjugation                                    | Unconjugated                                            |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ATRX Polyclonal Antibody at dilution of 1:35(×200)



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ATRX Polyclonal Antibody at dilution of 1:35(×200)

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 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. |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI GI #                        | 20336209                                    |
| NCBI GeneID                      | 546                                         |
| NCBI Accession #                 | NP_000480.2                                 |
| NCBI GenBank Nucleotide #        | NP_000480.2                                 |
| UniProt Accession #              | P46100                                      |
| NCBI Official Full Name          | transcriptional regulator ATRX isoform 1    |
| NCBI Official Synonym Full Names | ATRX chromatin remodeler                    |
| NCBI Official Symbol             | ATRX                                        |
| NCBI Official Synonym Symbols    | JMS; XH2; XNP; MRX52; RAD54; 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.