

For Research Use Only

ATRX-Specific Polyclonal antibody

Catalog Number: 19788-1-AP



Basic Information

Catalog Number:

19788-1-AP

Size:

130 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000489

GeneID (NCBI):

546

UNIPROT ID:

P46100

Full Name:

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

Calculated MW:

283 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human

Background Information

ATRX, also named as RAD54L and XH2, belongs to the SNF2/RAD54 helicase family. ATR could be a global transcriptional regulator. ATRX modifies gene expression by affecting chromatin. It may be involved in brain development and facial morphogenesis. Defects in ATRX are the cause of X-linked alpha-thalassemia/mental retardation syndrome (ATR-X) which is an X-linked disorder comprising severe psychomotor retardation, facial dysmorphism, urogenital abnormalities, and alpha-thalassemia. Defects in ATRX are the cause of mental retardation syndromic X-linked with hypotonic facies syndrome type 1 (MRXSHF1) which also called Carpenter-Waziri syndrome (CWS), Juberg-Marsidi syndrome (JMS), Smith-Fineman-Myers syndrome type 1 (SFM1). This antibody is specific to ATRX.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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Selected Validation Data