For Research Use Only

ATRX-Specific Polyclonal antibody

Catalog Number:19788-1-AP

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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