For Research Use Only

ATRX-Specific Polyclonal ANTIBODY

Catalog Number:19788-1-AP

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
19788-1-AP

Size:
20 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:

GenBank Accession Number:
NM_000489

GeneID (NCBI):
546

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

Calculated MW:
283 kDa

Observed MW:

Recommended Dilutions:

Applications

Tested Applications:
ELISA

Species Specificity:
human

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

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.

Notable Publications

Author	Pubmed ID	Journal	Application

Storage

Storage:
Store at -20ºC. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% 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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

Selected Validation Data