

For Research Use Only

ATN1 Polyclonal antibody

Catalog Number:19243-1-AP



Basic Information

Catalog Number: 19243-1-AP	GenBank Accession Number: BC051795	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 260 ug/ml by Nanodrop and 227 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1822	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: P54259	
Isotype: IgG	Full Name: atrophin 1	
Immunogen Catalog Number: AG5835	Calculated MW: 125 kDa	
	Observed MW: 105-110 kDa	

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human, mouse

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

Positive Controls:

WB : mouse testis tissue,

IHC : human ovary tissue, human testis tissue

Background Information

ATN1 also known as Atrophin-1 is a protein that in humans is encoded by the ATN1 gene. Dentatorubral pallidoluysian atrophy is a rare neurodegenerative disorder characterized by cerebellar ataxia, myoclonic epilepsy, choreoathetosis, and dementia. The disorder is related to the expansion of a trinucleotide repeat within this gene. The encoded protein includes a serine repeat and a region of alternating acidic and basic amino acids, as well as the variable glutamine repeat.

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

*** 20ul sizes contain 0.1% BSA

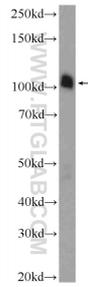
For technical support and original validation data for this product please contact:

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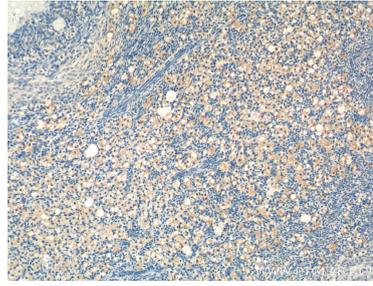
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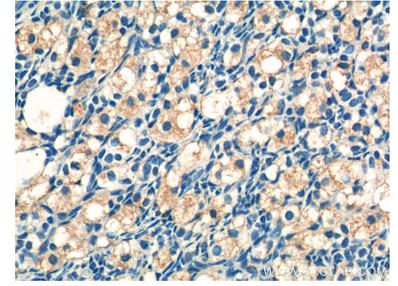
Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 19243-1-AP (ATN1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tissue slide using 19243-1-AP (ATN1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary tissue slide using 19243-1-AP (ATN1 Antibody) at dilution of 1:50 (under 40x lens).