

For Research Use Only

# Aminoacylase 1 Polyclonal antibody

Catalog Number: 11316-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 11316-1-AP	<b>GenBank Accession Number:</b> BC014112	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 650 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 95	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q03154	
<b>Isotype:</b> IgG	<b>Full Name:</b> aminoacylase 1	
<b>Immunogen Catalog Number:</b> AG1813	<b>Calculated MW:</b> 40.8 kDa	
	<b>Observed MW:</b> 46 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : K-562 cells, PC-3 cells IHC : human prostate cancer tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Notable Publications

Author	Pubmed ID	Journal	Application
Ling Zou	39170503	Heliyon	WB

## 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

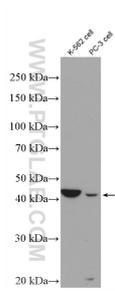
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

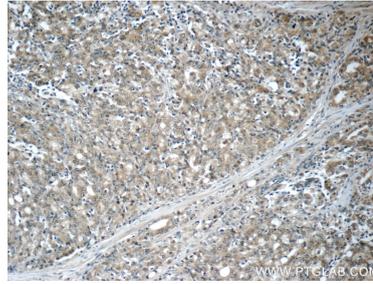
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

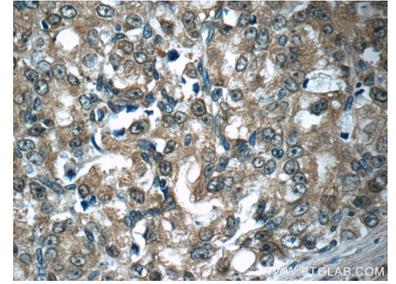
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11316-1-AP (Aminoacylase 1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 11316-1-AP (Aminoacylase 1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 11316-1-AP (Aminoacylase 1 antibody) at dilution of 1:50 (under 40x lens).