## For Research Use Only

## ATE1 Polyclonal antibody

Catalog Number: 13973-1-AP

**Featured Product** 



**Basic Information** 

Catalog Number: GenBank Accession Number:

13973-1-AP BC022026
Size: GeneID (NCBI):

150ul , Concentration: 700 µg/ml by 11101 Nanodrop; Full Name

Source: arginyltransferase 1
Rabbit Calculated MW:
Isotype: 59 kDa
IgG Observed MW:
Immunogen Catalog Number: 59-65 kDa

AG5006

Tested Applications:

WB, ELISA

Species Specificity: human, mouse, rat

Positive Controls:

WB: HepG2 cells, mouse liver tissue, HeLa cells, Jurkat

**Purification Method:** 

WB 1:1000-1:6000

Antigen affinity purification

Recommended Dilutions:

cells

**Background Information** 

Arginyltransferases (ATE1s) are eukaryotic enzymes that catalyze the non-ribosomal, post-translational addition of the amino acid arginine to an acceptor protein. ATE1 plays critical roles in many biological functions including cardiovascular development, angiogenesis, adipogenesis, muscle contraction, and metastasis of cancer.

Storage

**Applications** 

Storage:

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

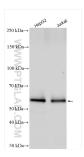
Storage Buffer:

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

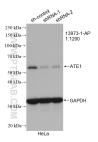
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13973-1-AP (ATE1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of ATE1 antibody (13973-1-AP; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-ATE1 transfected HeLa cells.