

Anti-ATE1 Antibody
Catalog # AP53767**Specification**

Anti-ATE1 Antibody - Product Information

Application	WB
Primary Accession	O95260
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59090

Anti-ATE1 Antibody - Additional Information**Gene ID** 11101**Other Names**

Arginyl-tRNA--protein transferase 1; Arginyltransferase 1; R-transferase 1; Arginine-tRNA--protein transferase 1

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ATE1. The exact sequence is proprietary.

Dilution

WB~~1/500 - 1/1000

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-ATE1 Antibody - Protein Information**Name** ATE1 {ECO:0000303|PubMed:34893540, ECO:0000312|HGNC:HGNC:782}**Function**

Involved in the post-translational conjugation of arginine to the N-terminal aspartate or glutamate of a protein (PubMed:34893540). This arginylation is required for degradation of the protein via the ubiquitin pathway (PubMed:34893540). Does not arginylate cysteine residues (By similarity).

Cellular Location

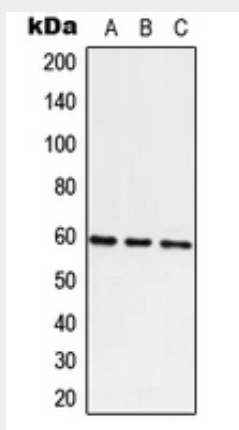
Nucleus. Cytoplasm

Anti-ATE1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-ATE1 Antibody - Images



Western blot analysis of ATE1 expression in A549 (A), Raw264.7 (B), H9C2 (C) whole cell lysates.

Anti-ATE1 Antibody - Background

Rabbit polyclonal antibody to ATE1