

ATE1 Antibody
Rabbit mAb
Catalog # AP93066**Specification**

ATE1 Antibody - Product Information

Application	WB, IHC
Primary Accession	O95260
Reactivity	Rat
Clonality	Monoclonal
Other Names	
Arginyltransferase 1; Ate1; R transferase 1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	59090 Da

ATE1 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human ATE1
Description	Involved in the post-translational conjugation of arginine to the N-terminal aspartate or glutamate of a protein. This arginylation is required for degradation of the protein via the ubiquitin pathway. Does not arginylate cysteine residues.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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

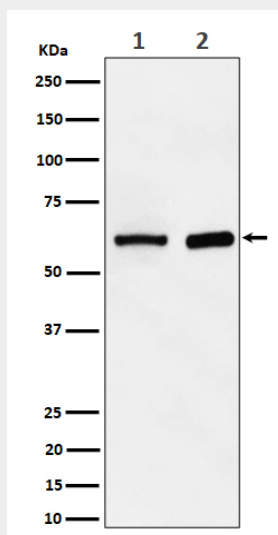
Nucleus. Cytoplasm

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](#)

ATE1 Antibody - Images



Western blot analysis of ATE1 expression in (1) HepG2 cell lysate; (2) Mouse spleen lysate.