

## ATE1 Antibody

Rabbit mAb Catalog # AP93066

## **Product Information**

Application Primary Accession	WB, IHC <u>095260</u>
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	Arginyltransferase 1; Ate1; R transferase 1;
lsotype Host Calculated MW	Rabbit IgG Rabbit 59090

## **Additional Information**

Dilution Purification	WB 1:500~1:2000 IHC 1:50~1:200 Affinity-chromatography
Immunogen	A synthesized peptide derived from human ATET
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.

## **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: <u>34893540</u> ). This arginylation is required for degradation of the protein via the ubiquitin pathway (PubMed: <u>34893540</u> ). Does not arginylate cysteine residues (By similarity).
Cellular Location	Nucleus. Cytoplasm
Images	

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



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