

# ATE1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58815

## Product Information

<b>Application</b>	WB, IHC-P, IHC-F, IF, E
<b>Primary Accession</b>	<a href="#">O95260</a>
<b>Reactivity</b>	Rat, Pig, Dog, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	59090

## Additional Information

<b>Gene ID</b>	11101
<b>Other Names</b>	Arginyl-tRNA--protein transferase 1, Arginyltransferase 1, R-transferase 1, 2.3.2.8, Arginine-tRNA--protein transferase 1, ATE1
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

<b>Name</b>	ATE1 {ECO:0000303   PubMed:34893540, ECO:0000312   HGNC:HGNC:782}
<b>Function</b>	Involved in the post-translational conjugation of arginine to the N-terminal aspartate or glutamate of a protein (PubMed: <a href="#">34893540</a> ). This arginylation is required for degradation of the protein via the ubiquitin pathway (PubMed: <a href="#">34893540</a> ). Does not arginylate cysteine residues (By similarity).
<b>Cellular Location</b>	Nucleus. Cytoplasm

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.