

ATE1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12936**Specification****ATE1 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	O95260
Other Accession	NM_007041 , NP_008972
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59kDa kDa

ATE1 antibody - N-terminal region - Additional Information**Gene ID** 11101**Alias Symbol** **MGC26724****Other Names**

Arginyl-tRNA--protein transferase 1, Arginyltransferase 1, R-transferase 1, 2.3.2.8, Arginine-tRNA--protein transferase 1, ATE1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-ATE1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

ATE1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ATE1 antibody - N-terminal region - 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).

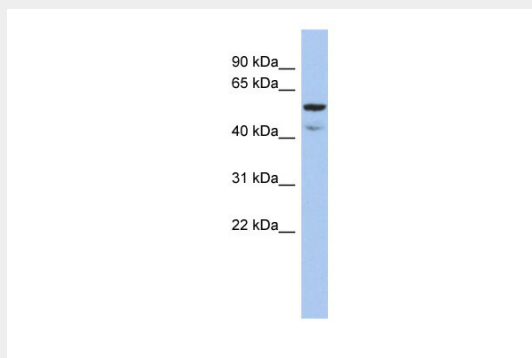
Cellular Location

Nucleus. Cytoplasm

ATE1 antibody - N-terminal region - 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 - N-terminal region - Images

WB Suggested Anti-ATE1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:12500

Positive Control: COLO205 cell lysate

ATE1 antibody - N-terminal region - References

Hu, R.G., (2006) J. Biol. Chem. 281(43), 32559-32573. Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.