

Anti-ATE1 Rabbit Monoclonal Antibody
Catalog # ABO16526**Specification**

Anti-ATE1 Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC
Primary Accession	O95260
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-ATE1 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Anti-ATE1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 11101

Other Names

Arginyl-tRNA--protein transferase 1, Arginyltransferase 1, R-transferase 1, 2.3.2.8, Arginine-tRNA--protein transferase 1, ATE1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=782)
HGNC:782

Calculated MW

59 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human ATE1

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-ATE1 Rabbit Monoclonal 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

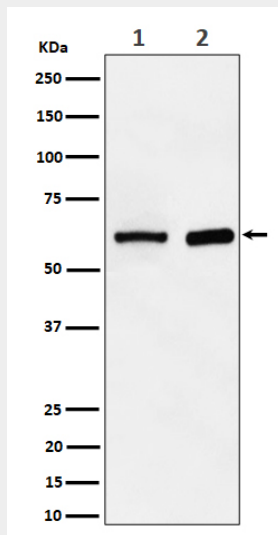
Nucleus. Cytoplasm

Anti-ATE1 Rabbit Monoclonal 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 Rabbit Monoclonal Antibody - Images



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