

[KO]ATE1 Rabbit mAb

Catalog # AP75115

Product Information

Application	WB, IHC-P, FC
Primary Accession	O95260
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	59090

Additional Information

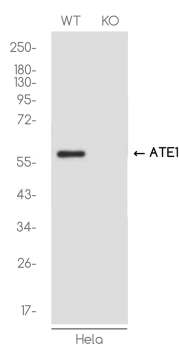
Gene ID	11101
Other Names	ATE1
Dilution	WB~~1:500-1:1000 IHC-P~~N/A FC~~1:100-1:200
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

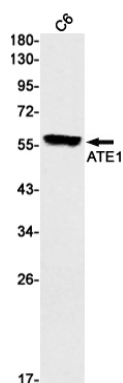
Name	ATE1 {ECO:0000303 PubMed:34893540, ECO:0000312 HGNC:HGNC:782}
Function	Involved in the post-translational conjugation of arginine to the N-terminal aspartate or glutamate of a protein (PubMed: 34893540). This arginylation is required for degradation of the protein via the ubiquitin pathway (PubMed: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

Background

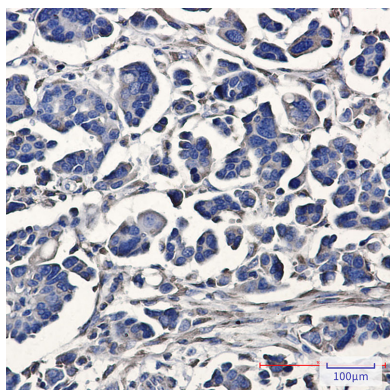
Involved in the post-translational conjugation of arginine to the N-terminal aspartate or glutamate of a protein. This arginylation is required for degradation of the protein via the ubiquitin pathway. Does not arginylate cysteine residues .



Western blot analysis of ATE1 in HeLa(WT) and ATE1-Knockout HeLa(KO) using ATE1 antibody.



Western blot analysis of ATE1 in C6 lysates using ATE1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using ATE1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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