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Anti-ATE1 Antibody

Catalog # AP53767

Product Information

Application	WB
Primary Accession	O95260
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59090

Additional Information

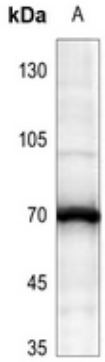
Gene ID	11101
Other Names	Arginyl-tRNA--protein transferase 1; Arginyltransferase 1; R-transferase 1; Arginine-tRNA--protein transferase 1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ATE1. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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

Images

Western blot analysis of ATE1 expression in AML12 (A) whole cell lysates. (Predicted band size: 59 kD; Observed band size: 70 kD)



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