

KD-Validated Anti-Arginyltransferase 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1851

Product Information

Application	WB, FC, ICC
Primary Accession	O95260
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB4720
Calculated MW	59090
Gene Name	ATE1
Aliases	ATE1; Arginyltransferase 1; Arginine-TRNA--Protein Transferase 1; Arginyl-TRNA--Protein Transferase 1; R-Transferase 1; EC 2.3.2.8; Arginyl-TRNA-Protein Transferase
Immunogen	A synthesized peptide derived from human ATE1

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 {ECO:0000303 PubMed:34893540, ECO:0000312 HGNC:HGNC:782}

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

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