

ARG42876 anti-ATE1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ATE1
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ATE1
Species	Human
Immunogen	Synthetic peptide of Human ATE1.
Conjugation	Un-conjugated
Alternate Names	Arginine-tRNA--protein transferase 1; Arginyl-tRNA--protein transferase 1; EC 2.3.2.8; Arginyltransferase 1; R-transferase 1

Application Instructions

Application table	Application	Dilution
	FACS	1:50
	IHC-P	1:20
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	C6	
Observed Size	~ 59 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	50 mM Tris-Glycine (pH 7.4), 150 mM NaCl, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Concentration	Batch dependent
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw

cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ATE1
Gene Full Name	arginyltransferase 1
Background	This gene encodes an arginyltransferase, an enzyme that is involved in posttranslational conjugation of arginine to N-terminal aspartate or glutamate residues. Conjugation of arginine to the N-terminal aspartate or glutamate targets proteins for ubiquitin-dependent degradation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]
Function	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 (By similarity). [UniProt]
Calculated Mw	59 kDa
Cellular Localization	Isoform ATE1-1: Nucleus. Cytoplasm. Isoform ATE1-2: Cytoplasm. [UniProt]

Images



ARG42876 anti-ATE1 antibody WB image

Western blot: C6 cell lysate stained with ARG42876 anti-ATE1 antibody at 1:1000 dilution.