

## ATE1 Rabbit pAb

CatalogNo: YN0458

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, ELISA

#### MW

- 56kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-2000**

**ELISA 1:5000-20000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human protein . at AA range: 400-480

**Specificity** ATE1 Polyclonal Antibody detects endogenous levels of protein.

### Target Information

**Gene name** ATE1

**Protein Name** Arginyl-tRNA--protein transferase 1 (Arginyltransferase 1) (R-transferase 1) (Arginine-tRNA--protein transferase 1)

Organism	Gene ID	UniProt ID
Human	<a href="#">11101</a> ;	<a href="#">O95260</a> ;
Mouse		<a href="#">Q9Z2A5</a> ;

**Cellular Localization** [Isoform ATE1-1]: Nucleus . Cytoplasm .; [Isoform ATE1-2]: Cytoplasm .

**Tissue specificity** Embryonic kidney,Testis,

**Function** Catalytic activity:L-arginyl-tRNA + protein = tRNA + L-arginyl-protein.,Caution:It is uncertain whether Met-1 or Met-37 is the initiator.,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.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the R-transferase family.,subunit:Monomer .,

## | Validation Data

## | Contact information

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**ATE1 Rabbit pAb**

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