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ATE1 Antibody

Rabbit mAb
Catalog # AP93066

Product Information

Application	WB, IHC
Primary Accession	O95260
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	Arginyltransferase 1; Ate1; R transferase 1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	59090

Additional Information

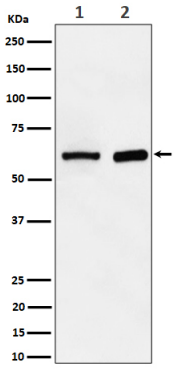
Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human ATE1
Description	Involved in the post-translational conjugation of arginine to the N-terminal aspartate or glutamate of a protein. This arginylation is required for degradation of the protein via the ubiquitin pathway. Does not arginylate cysteine residues.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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 (1) HepG2 cell lysate; (2) Mouse spleen lysate.



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