antibodies - online.com







anti-ATE1 antibody (AA 105-253)





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Quantity:	100 μg
Target:	ATE1
Binding Specificity:	AA 105-253
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATE1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Arginyl-tRNAprotein transferase 1 protein (105-253AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ATE1
Alternative Name:	ATE1 (ATE1 Products)
Background:	Background: 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).		
Aliases: Al225793 antibody, Arginine tRNA protein transferase 1 antibody, Arginine-tRNA		
protein transferase 1 antibody, Arginyl-tRNAprotein transferase 1 antibody, Arginyl-tRNA-		
protein transferase antibody, Arginyltransferase 1 antibody, Ate1 antibody, ATE1_HUMAN		
antibody, AW547406 antibody, EC 2.3.2.8 antibody, MGC26724 antibody,		
OTTHUMP00000020637 antibody, OTTHUMP00000058665 antibody, R transferase 1 antibody,		
R-transferase 1 antibody		

UniProt: 095260

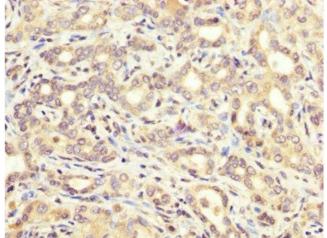
Pathways: SARS-CoV-2 Protein Interactome

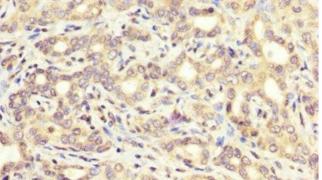
Application Details

Application Notes:	Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only

Handling

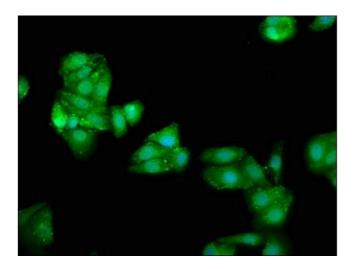
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





Immunohistochemistry

Image 1. IHC image of ABIN7144603 diluted at 1:200 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of HepG2 cells with ABIN7144603 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488congugated AffiniPure Goat Anti-Rabbit IgG(H+L).