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anti-TOR1AIP1 antibody (Internal Region)

2 Images



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Overview	
Quantity:	100 μL
Target:	TOR1AIP1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOR1AIP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human TOR1AIP1, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	TOR1AIP1 Antibody detects endogenous levels of total TOR1AIP1.
Predicted Reactivity:	Bovine, Horse, Sheep, Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	TOR1AIP1

Target Details

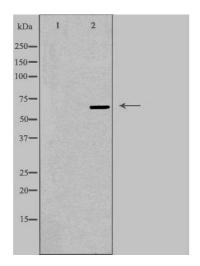
Alternative Name:	TOR1AIP1 (TOR1AIP1 Products)
Background:	Description: Required for nuclear membrane integrity. Induces TOR1A and TOR1B ATPase activity and is required for their location on the nuclear membrane. Binds to A- and B-type lamins. Possible role in membrane attachment and assembly of the nuclear lamina. Gene: TOR1AIP1
Molecular Weight:	66 kDa
Gene ID:	26092
UniProt:	Q5JTV8
Pathways:	SARS-CoV-2 Protein Interactome, The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	

Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months





Immunofluorescence (fixed cells)

Image 1. ABIN6275632 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25_iãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37_iãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibod

Western Blotting

Image 2. Western blot analysis of extracts from 293 cells using TOR1AIP1 antibody. The lane on the left is treated with the antigen-specific peptide.