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anti-TLK2 antibody (Internal Region)

2 Images

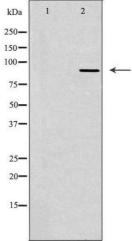


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Overview	
Quantity:	100 μL
Target:	TLK2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human TLK2, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	TLK2 Antibody detects endogenous levels of total TLK2.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	TLK2

Target Details	
Alternative Name:	TLK2 (TLK2 Products)
Background:	Description: Serine/threonine-protein kinase involved in the process of chromatin assembly and
	probably also DNA replication, transcription, repair, and chromosome segregation.
	Phosphorylates the chromatin assembly factors ASF1A AND ASF1B. Phosphorylation of ASF1A
	prevents its proteasome-mediated degradation, thereby enhancing chromatin assembly.
	Negative regulator of amino acid starvation-induced autophagy.
	Gene: TLK2
Molecular Weight:	90 kDa
Gene ID:	11011
UniProt:	Q86UE8
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	
Format:	Liquid
Concentration:	1 mg/mL

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



Western Blotting

Image 1. Western blot analysis of extracts from COLO cells, using TLK2 antibody. The lane on the left is treated with the antigen-specific peptide.

Immunofluorescence (fixed cells)

Image 2. ABIN6275542 staining COLO205 cells 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 25jãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibod