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Datasheet for ABIN1590112 anti-TBK1 antibody (AA 514-527)

2 Images



Overview

Quantity:	100 µg
Target:	TBK1
Binding Specificity:	AA 514-527
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TBK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	TBK1 (aa514-527)
Sequence:	TIETSLQDID SRLS
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified
Target Details	
Target:	TBK1

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TBK1 (TBK1 Products)
TBK1, TANK-binding kinase 1, FLJ11330, NAK, T2K, NF-kB-activating kinase, NF-kappa-B- activating kinase, serine/threonine-protein kinase TBK1
29110
29110 NP_037386

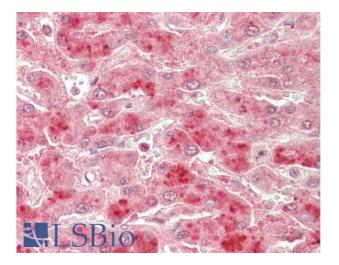
Application Details

Application Notes:	Western Blot: Approx 80 kDa band observed in lysates of cell line LNCaP and A431 (calculated
	MW of 83.6 kDa according to NP_037386.1). Recommended concentration: 0.5-1 μ g/mL.
	Primary incubation 1 hour at room temperature.
	Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the cytoplasm of A431 and in
Comment:	Immunofluorescence: Strong expression of the protein seen in the cytoplasm of A431 and in the cytoplasm and ER of HeLa cells. Recommended concentration: 10µg/ml.
Comment:	

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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Immunohistochemistry

Image 1. ABIN1590112 (5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

250kDa 150kDa 100kDa 75kDa 37kDa 25kDa 20kDa

Western Blotting

Image 2. ABIN1590112 (1µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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