

## Anti-TBK1 antibody (514-527) (STJ72634)

STJ72634

### GENERAL INFORMATION

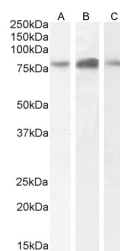
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-TBK1 (514-527) is suitable for use in ELISA, Western Blot, Immunofluorescence and Flow Cytometry research applications.
<b>Applications</b>	Pep-ELISA/WB/IF/FC
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

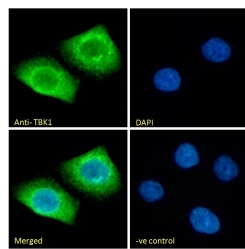
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody detection limit dilution 1:32000. WB: Approx 80kDa band observed in lysates of cell line LNCaP and A431 (calculated MW of 83.6kDa according to NP_037386.1). Recommended concentration: 0.5-1µg/ml. Primary incubation 1 hour
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

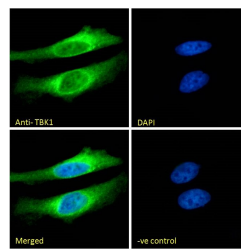
<b>Gene ID</b>	29110
<b>Gene Symbol</b>	TBK1
<b>Uniprot ID</b>	TBK1_HUMAN
<b>Immunogen</b>	
<b>Immunogen</b>	514-527
<b>Region</b>	
<b>Specificity</b>	
<b>Immunogen Sequence</b>	TIETSLQDIDSRLS



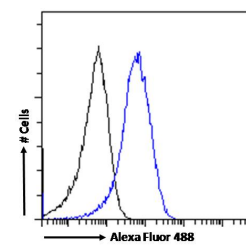
STJ72634 (0.5µg/ml) staining of LNCaP (A) and A431 (B) cell lysate, and (1µg/ml) A431 (C) nuclear cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ72634 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml) showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).



STJ72634 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml) showing cytoplasmic and ER staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).



STJ72634 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (1µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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