



EB11055 - Goat Anti-TBK1 (aa514-527) Antibody

Size: 100µg specific antibody in 200µl



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**Research Use Only. Not for
diagnostic or therapeutic use.**

Target Protein

Principal Names: FLJ11330, NAK, NF-kappa-B-activating kinase, NF-kB-activating kinase, serine/threonine-protein kinase TBK1, T2K, TANK-binding kinase 1, TBK1

Official Symbol: TBK1

Accession Number(s): NP_037386.1

Human GeneID(s): [29110](#)

Immunogen

Peptide with sequence C-TIETSLQDIDSRLS, from the internal region of the protein sequence according to NP_037386.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 85kDa band observed in lysates of cell line HeLa (calculated MW of 83.6kDa according to NP_037386.1). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 24kDa. This band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Liver. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

Specific Reference

This antibody (previous batch) has been successfully used in the following paper:

Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen

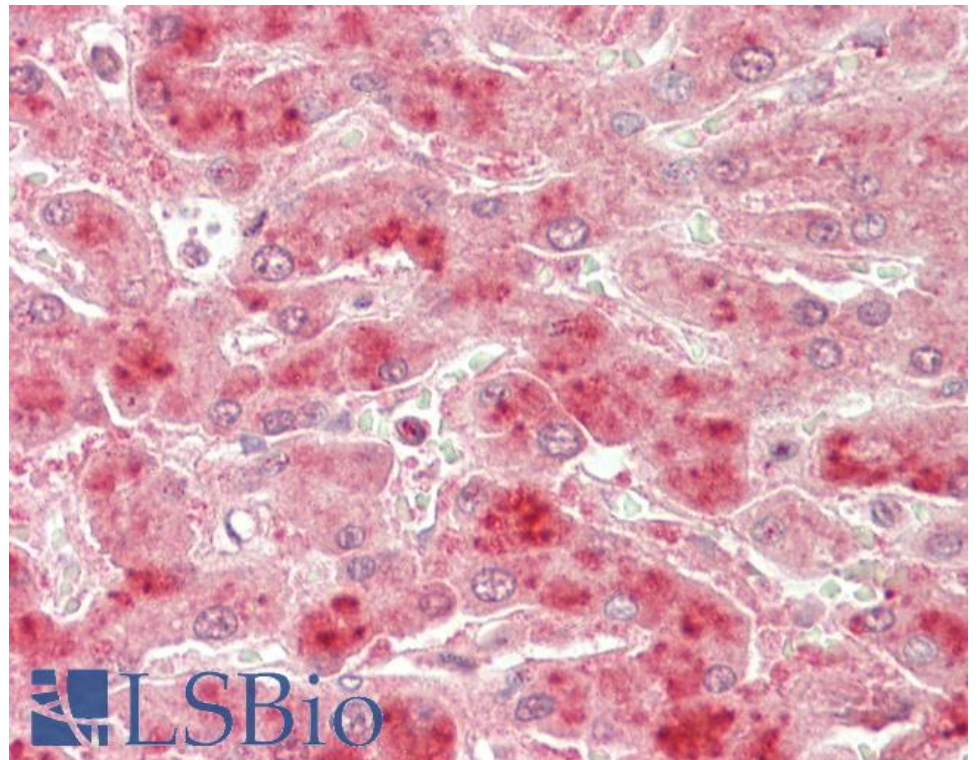
A high-throughput pipeline for validation of antibodies

Nat Methods. 2018 Nov;15(11):909-912

PMID: 30377371



EB11055 (1 μ g/ml) staining of HeLa lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.



EB11055 (5 μ g/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.