

International Office

Everest Biotech Ltd

Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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

EB11394 - Goat Anti-ZAP70 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 70 kDa zeta-associated protein, FLJ17670, FLJ17679, SRK, STD, syk-related tyrosine kinase, tyrosine-protein kinase ZAP-70, TZK, ZAP-70, zeta-chain (TCR) associated protein kinase 70kDa, zeta-chain associated protein kinase, 70kD, ZAP70

Official Symbol: ZAP70

Accession Number(s): NP_001070.2

Human GeneID(s): [7535](#)

Non-Human GeneID(s): 22637 (mouse), 301348 (rat)

Important Comments: This antibody is expected to recognize isoform 1 (NP_001070.2) only.

Immunogen

Peptide with sequence C-SDGYTPEPARITSPD, from the internal region of the protein sequence according to NP_001070.2.

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 1:32000.

Western blot: Approx 70kDa band observed in lysates of cell lines Jurkat and Molt4 (calculated MW of 69.9kDa according to NP_001070.2). Recommended concentration: 0.3-1µg/ml.

Immunoprecipitation: This antibody was deemed fit for IP under native conditions (observations from customer).

Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

Specific Reference

This antibody 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



EB11394 (0.3 μ g/ml) staining of Jurkat lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.