

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

Fax: +44 (0)1869 238327

## US Office

### Everest Biotech c/o Abcore

405 Maple Street, Suite A106  
Ramona,  
CA 92065  
USA

Inquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[usasales@everestbiotech.com](mailto:usasales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

[www.everestbiotech.com](http://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

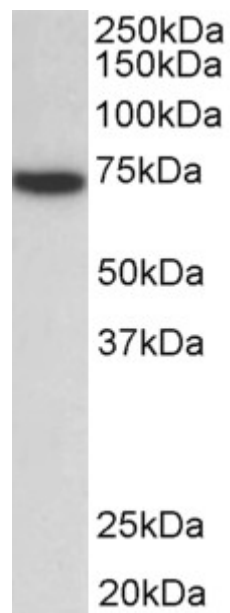
**Tested:** Human

**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 Inngjerdigen, 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 $\mu$ g/ml) staining of Jurkat lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.