



## International Office

### Everest Biotech Ltd

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

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

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

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

## EB11184 - Goat Anti-ULK3 (aa445-458) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DKFZp434C131, FLJ90566, serine/threonine-protein kinase ULK3, unc-51-like kinase 3 (C. elegans), ULK3

**Official Symbol:** ULK3

**Accession Number(s):** NP\_001092906.1

**Human GeneID(s):** [25989](#)

### Immunogen

Peptide with sequence C-KMRESRWEADTLDK, from the C Terminus of the protein sequence according to NP\_001092906.1.

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 1:32000.

**Western blot:** Approx 50kDa band observed in Human Brain (Cerebellum, Cerebral Cortex, Hippocampus) lysates (calculated MW of 53.4kDa according to NP\_001092906.1). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 75kDa. This band was successfully blocked by incubation with the immunizing peptide.

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

### Species Reactivity

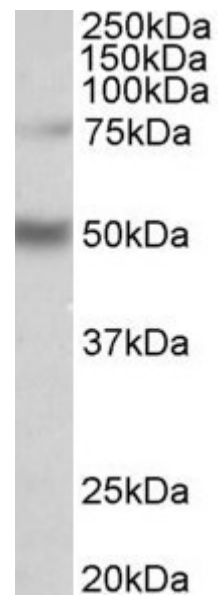
**Tested:** Human

**Expected from sequence similarity:** Human, Pig, Dog

### Specific Reference

**This antibody has been successfully used in the following paper:**

Krzysztof Sikorski, Adi Mehta, Marit Inngjerdn, 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



EB11184 (1 $\mu$ g/ml) staining of Human Hippocampus lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.