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**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

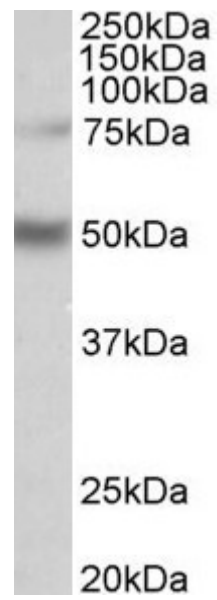
This antibody has been successfully used in the following paper:

Krzysztof Sikorski, Adi Mehta, Marit 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



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