

Datasheet for ABIN870666

anti-ULK3 antibody (AA 445-458)



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1 Image

Overview

Quantity:	100 µg
Target:	ULK3
Binding Specificity:	AA 445-458
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ULK3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	ULK3 (aa445-458)
Immunogen:	Peptide with sequence C-KMRESRWEADTLDK, from the C Terminus of the protein sequence according to NP_001092906.1.
Sequence:	KMRESRWEAD TLDK
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	ULK3
Alternative Name:	ULK3 (ULK3 Products)
Background:	ULK3, unc-51-like kinase 3 (C. elegans), DKFZp434C131, FLJ90566, serine/threonine-protein kinase ULK3
Molecular Weight:	53.4kDa
Gene ID:	25989
NCBI Accession:	NP_001092906

Application Details

Application Notes:	Western Blot: Approx 50 kDa band observed in Human Brain (Cerebellum, Cerebral Cortex, Hippocampus) lysates (calculated MW of 53.4 kDa according to NP_001092906.1). Recommended concentration: 1-3 µg/mL. An additional band of unknown identity was also consi Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN870666 (1µg/ml) staining of Human Hippocampus lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.