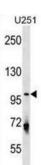
## **Datasheet**

Version: 2.0.0 Revision date: 13 Aug 2025



## Serine/threonine-Protein Kinase ULK1 (ULK1) Antibody

Catalogue No.:abx030892



ULK1 is involved in autophagy. Required for autophagosome formation (By similarity). Target of the TOR kinase signaling pathway that regulates autophagy through the control of phosphorylation status of ATG13/KIAA0652 and ULK1, and the regulation of the ATG13-ULK1-RB1CC1 complex (By similarity). Phosphorylates ATG13/KIAA0652. Involved in axon growth (By similarity). Plays an essential role in neurite extension of cerebellar granule cells (By similarity).

Target: Serine/threonine-Protein Kinase ULK1 (ULK1)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB

Host: Rabbit

Recommended dilutions: WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 538-564 amino acids from the Central region of human

ULK1.

Isotype: IgG

Form: Liquid

**Purification:** Purified through a protein A column, followed by peptide affinity purification.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: O75385 (UniProt, ExPASy)

Gene Symbol: ULK1

1 of 2

## **Datasheet**

Version: 2.0.0 Revision date: 13 Aug 2025



KEGG: hsa:8408

String: 9606.ENSP00000324560

Molecular Weight: Calculated MW: 113 kDa

**Buffer:** PBS containing 0.09% sodium azide.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY, NOT FOR USE IN DIAGNOSTIC.

THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL

CONSUMPTION.