

Rabbit anti-Human ULK2 Polyclonal Antibody | anti-ULK2 antibody

ULK2 Antibody

CATALOG # AAA40498	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

ULK2; Polyclonal Antibody; ULK2 Antibody; ATG1B; Unc51.2; KIAA0623; Unc-51-like kinase 2; unc-51-like kinase 2 (C. elegans); anti-ULK2 antibody

PRODUCT SPECIFICATIONS

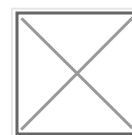
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of ULK2 are known to exist; this antibody will detect both isoforms. ULK2 antibody is predicted to not cross-react with ULK1.
Purity/Purification	ULK2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1036
Applicable Applications for anti-ULK2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ULK2 antibody was raised against a 17 amino acid peptide near the center of human ULK2.
Buffer	ULK2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ULK2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



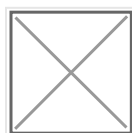
IF (Immunofluorescence)

Immunofluorescence of ULK2 in human brain tissue with ULK2 antibody at 20 &#956;g/ml.



IHC (Immunohistochemistry)

Immunohistochemistry of ULK2 in human brain tissue with ULK2 antibody at 2.5 &#956;g/ml.



WB (Western Blot)

Western blot analysis of ULK2 in human brain tissue lysate with ULK2 antibody at 1 &#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ULK2 antibody	ULK2 Antibody: ULK2, also known as ATG1B, is a key serine/threonine protein kinase probably acting at the most upstream step of autophagosome formation. Knockout of ULK2 results in a severe defect in the autophagy pathway. ULK2 is highly conserved among eukaryotes and shows high homology with its related protein ULK1. Both ULK1 and ULK2 form a complex with ATG13 and FIP200 that mediates TOR signaling and is essential for autophagy. Like ULK1, ULK2 is also thought to be involved in early neuronal growth and differentiation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	217330557
NCBI GeneID	9706
NCBI Accession #	NP_055498
NCBI GenBank Nucleotide #	NM_014683.3
UniProt Accession #	Q8IYT8; O75119; A8MY69
Molecular Weight	Predicted: 105; 114 kDa Observed: 100 kDa
NCBI Official Full Name	serine/threonine-protein kinase ULK2
NCBI Official Synonym Full Names	unc-51 like autophagy activating kinase 2
NCBI Official Symbol	ULK2
NCBI Official Synonym Symbols	ATG1B; Unc51.2
NCBI Protein Information	serine/threonine-protein kinase ULK2
UniProt Protein Name	Serine/threonine-protein kinase ULK2
UniProt Gene Name	ULK2
UniProt Synonym Gene Names	KIAA0623
UniProt Entry Name	ULK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ulk2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40498>