

Product Datasheet

ULK2 Antibody NBP1-33136

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-33136

ULK2 Antibody

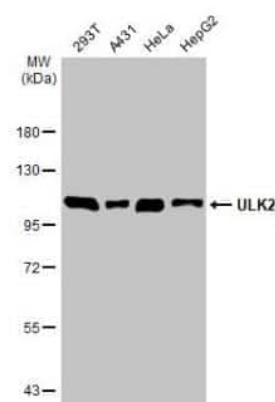
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol, 1% BSA
Target Molecular Weight	113 kDa

Product Description	
Host	Rabbit
Gene ID	9706
Gene Symbol	ULK2
Species	Human, Mouse, Rat
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human ULK2. The exact sequence is proprietary.

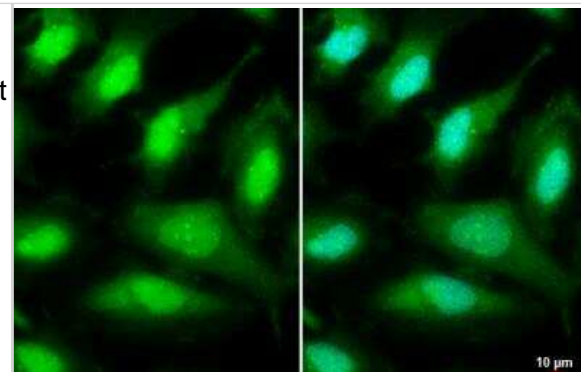
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

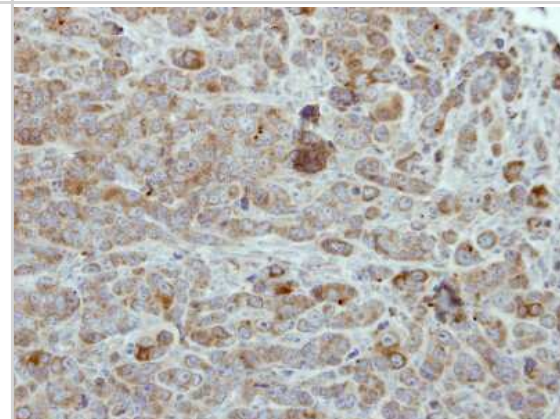
Western Blot: ULK2 Antibody [NBP1-33136] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with ULK2 antibody [C2C3], C-term diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



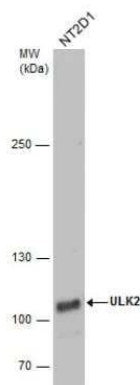
Immunocytochemistry/Immunofluorescence: ULK2 Antibody [NBP1-33136] - HeLa cells were fixed in ice-cold MeOH for 5 min. Green: ULK2 stained by ULK2 antibody [C2C3], C-term diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar= 10 μ m.



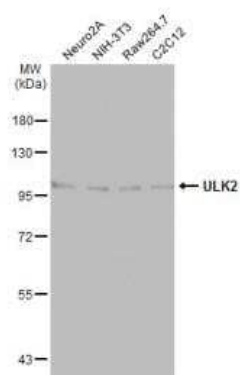
Immunohistochemistry-Paraffin: ULK2 Antibody [NBP1-33136] - MCF7 xenograft, using ULK2 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



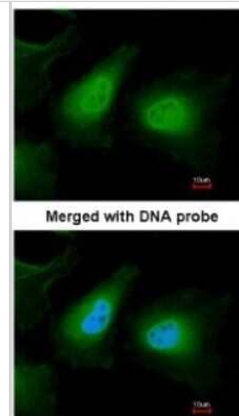
Western Blot: ULK2 Antibody [NBP1-33136] - Whole cell extracts (30 μ g) was separated by 5% SDS-PAGE, and the membrane was blotted with ULK2 antibody [C2C3], C-term at a dilution of 1:1000.



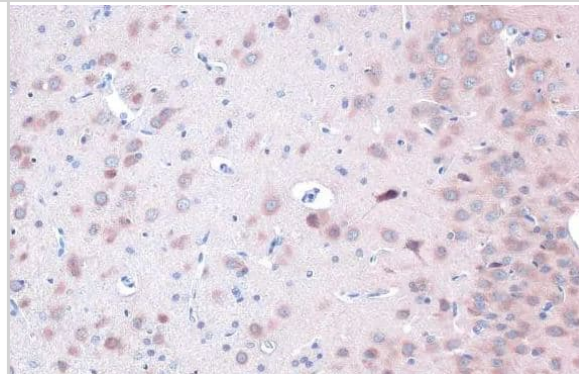
Western Blot: ULK2 Antibody [NBP1-33136] - Various whole cell extracts (30 μ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with ULK2 antibody [C2C3], C-term diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



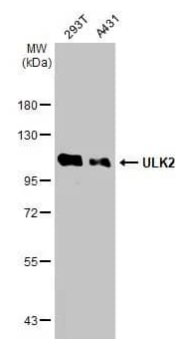
Immunocytochemistry/Immunofluorescence: ULK2 Antibody [NBP1-33136] - Paraformaldehyde-fixed HeLa, using antibody at 1:200 dilution.



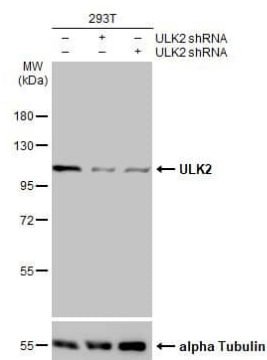
Immunohistochemistry-Paraffin: ULK2 Antibody [NBP1-33136] -Rat brain. ULK2 stained by ULK2 antibody [C2C3], C-term diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Western Blot: ULK2 Antibody [NBP1-33136] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with ULK2 antibody [C2C3], C-term (NBP1-33136) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: ULK2 Antibody [NBP1-33136] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with ULK2 antibody [C2C3], C-term diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Harris MP, Zhang QJ, Cochran CT et al. Perinatal versus adult loss of ULK1 and ULK2 distinctly influences cardiac autophagy and function *Autophagy* 2022-09-02 [PMID: 35104184]

Tsang T, Posimo JM, Gudiel AA et al. Copper is an essential regulator of the autophagic kinases ULK1/2 to drive lung adenocarcinoma *Nat Cell Biol* 2020-03-24 [PMID: 32203415]

Fuqua JD, Mere CP, Kronemberger A et al. ULK2 is essential for degradation of ubiquitinated protein aggregates and homeostasis in skeletal muscle *FASEB J.* 2019-08-09 [PMID: 31361156] (WB, Mouse)

Willy JA, Young SK, Mosley AL et al. Function of Inhibitor of Brutons Tyrosine Kinase Isoform alpha (IBTKalpha) in Nonalcoholic Steatohepatitis links Autophagy and the Unfolded Protein Response *J. Biol. Chem.* 2017-07-14 [PMID: 28710282] (WB, Human)





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Products Related to NBP1-33136

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBL1-17608	ULK2 Overexpression Lysate

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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