

# Product Datasheet

## ULK1 Antibody - BSA Free

### NBP2-41217

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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#### Publications: 1

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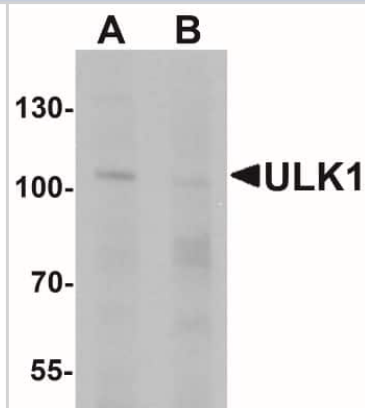
**NBP2-41217**

ULK1 Antibody - BSA Free

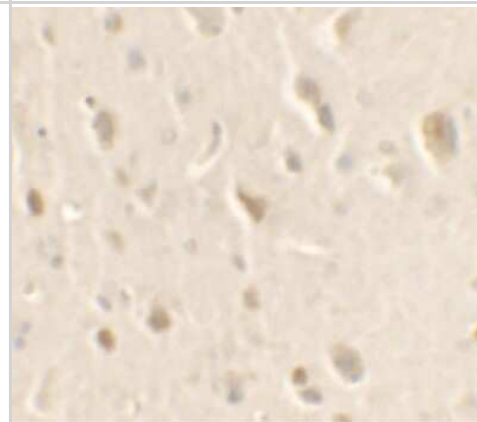
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Peptide affinity purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	105 kDa
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	8408
<b>Gene Symbol</b>	ULK1
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Two alternatively spliced transcript variants encoding different isoforms have been identified. ULK1 antibody is predicted to not cross-react with ULK2.
<b>Immunogen</b>	Antibody was raised against a 16 amino acid peptide near the center of human ULK1 . The immunogen is located within amino acids 350 - 400 of ULK1. Amino Acid Squence: CDLVAEAPSAKPPPDSL
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1 ug/mL, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:10-1:500, Immunofluorescence
<b>Application Notes</b>	Use in Immunocytochemistry/Immunofluorescence reported in scientific literature (PMID:32788597)

## Images

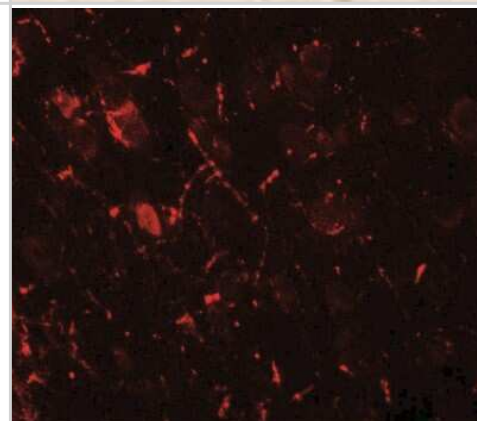
Western Blot: ULK1 Antibody [NBP2-41217] - Analysis of ULK1 in rat brain tissue lysate with ULK1 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry-Paraffin: ULK1 Antibody [NBP2-41217] - Rat brain tissue with ULK1 antibody at 2.5 ug/ml.



Immunofluorescence: ULK1 Antibody [NBP2-41217] - ULK1 in rat brain tissue with ULK1 antibody at 20 ug/ml.



## Publications

Zaninello M, Palikaras K, Naon D et al. Inhibition of autophagy curtails visual loss in a model of autosomal dominant optic atrophy Nat Commun 2020-08-12 [PMID: 32788597] (ICC/IF, IF/IHC, Mouse)



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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00008408-Q01-10ug	Recombinant Human ULK1 GST (N-Term) Protein

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### **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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