

## Product datasheet for **TA319785**

### ULK2 Rabbit Polyclonal Antibody

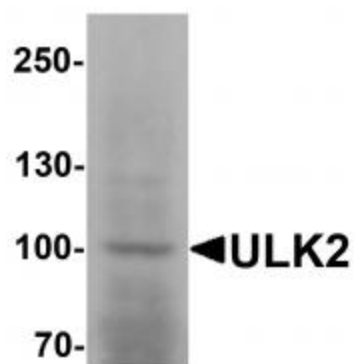
#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ULK2 antibody was raised against a 17 amino acid peptide near the center of human ULK2 .
Formulation:	ULK2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	ULK2 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 105, 114 kDa; Observed: 100 kDa
Gene Name:	unc-51 like autophagy activating kinase 2
Database Link:	<a href="#">NP_055498</a> <a href="#">Entrez Gene 9706 Human</a> <a href="#">Q8IYT8</a>
Background:	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.
Synonyms:	ATG1B; Unc51.2

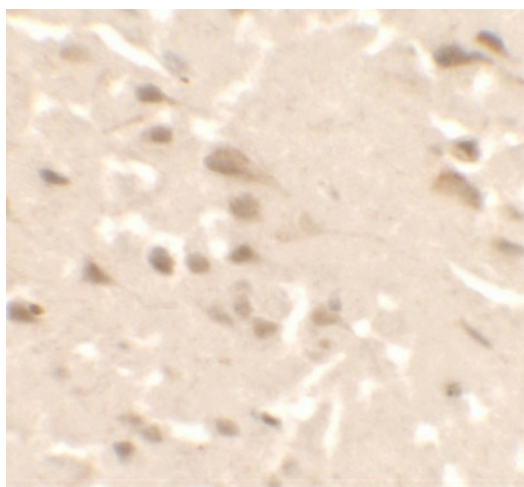


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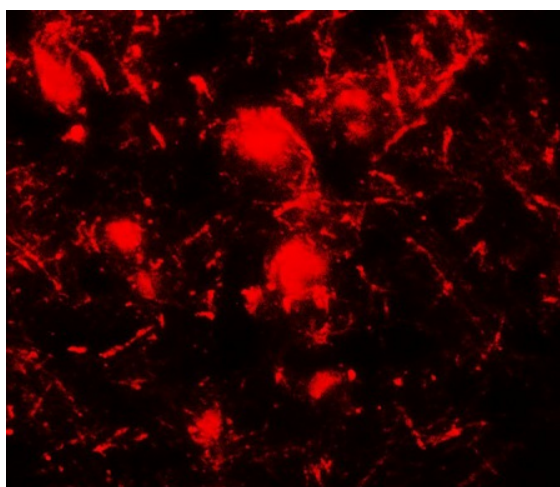
## Product images:



Western blot analysis of ULK2 in human brain tissue lysate with ULK2 antibody at 1 ug/mL.



Immunohistochemistry of ULK2 in human brain tissue with ULK2 antibody at 2.5 ug/mL.



Immunofluorescence of ULK2 in human brain tissue with ULK2 antibody at 20 ug/mL.