

Product datasheet for **TA308622**

ULK2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 693 and 968 of ULK2 (Uniprot ID#Q8IYT8)
Formulation:	1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	113 kDa
Gene Name:	unc-51 like autophagy activating kinase 2
Database Link:	NP_001136082 Entrez Gene 9706 Human Q8IYT8
Background:	This gene encodes a protein that is similar to a serine/threonine kinase in <i>C. elegans</i> which is involved in axonal elongation. The structure of this protein is similar to the <i>C. elegans</i> protein in that both proteins have an N-terminal kinase domain, a central proline/serine rich (PS) domain, and a C-terminal (C) domain. The gene is located within the Smith-Magenis syndrome region on chromosome 17. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq]
Synonyms:	ATG1B; Unc51.2

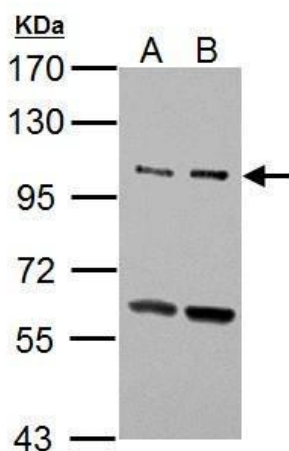


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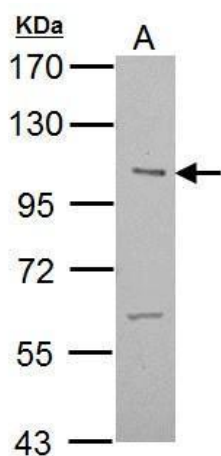
Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: mTOR signaling pathway, Regulation of autophagy

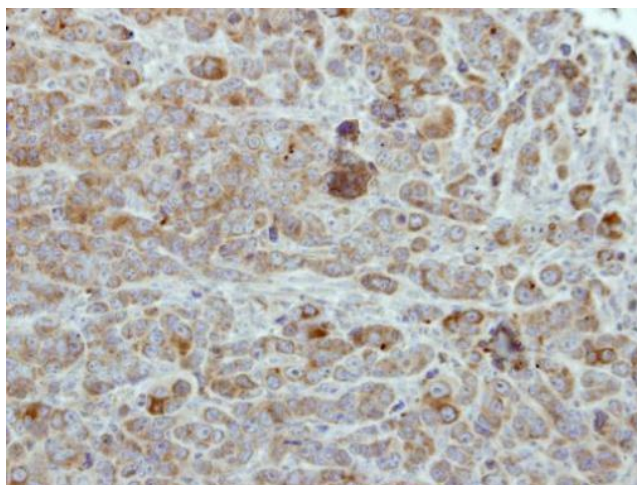
Product images:



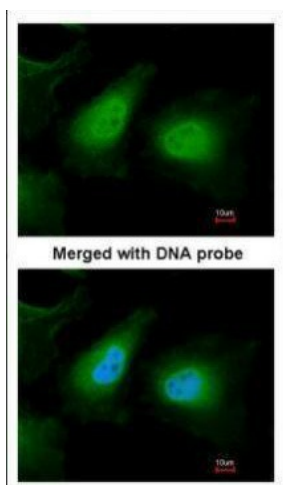
Sample (30 ug of whole cell lysate). A: NT2D1. B: PC-3. 7.5% SDS PAGE. TA308622 diluted at 1:1000.



Sample (30 ug of whole cell lysate). A: NIH-3T3. 7.5% SDS PAGE. TA308622 diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded MCF7 xenograft, using ULK2 (TA308622) antibody at 1:500 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using ULK2 (TA308622) antibody at 1:200 dilution.