

## Product datasheet for **TA325024**

### ULK1 Rabbit Polyclonal Antibody

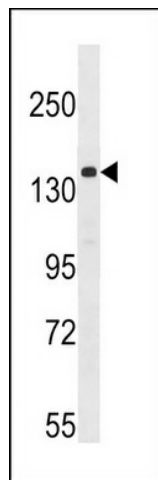
#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | IF, WB  |
| Recommended Dilution:   | IF: 1:100, WB: 1:1000   |
| Reactivity:             | Human   |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | This APG1 (ULK1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 642-672 amino acids from the Central region of human APG1 (ULK1). |
| Formulation:            | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.   |
| Concentration:          | lot specific  |
| Purification:           | This antibody is purified through a protein A column, followed by peptide affinity purification.  |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 112631 Da   |
| Gene Name:              | unc-51 like autophagy activating kinase 1   |
| Database Link:          | <a href="#">NP_003556</a><br><a href="#">Entrez Gene 8408 Human</a><br><a href="#">O75385</a>   |
| Synonyms:               | ATG1; ATG1A; hATG1; UNC51; Unc51.1  |
| Protein Families:       | Druggable Genome, Protein Kinase  |
| Protein Pathways:       | mTOR signaling pathway, Regulation of autophagy   |

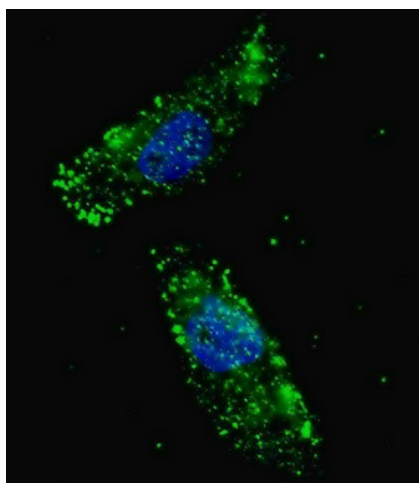


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## Product images:



Western blot analysis of anti-ULK1 Pab (Cat. #TA325024) in A2058 cell lysate. ULK1 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



IF image of U251 cells stained with APG1 (ULK1) (Center) antibody. U251 cells were treated with Chloroquine, then incubated with TA325024 APG1 (ULK1) (Center) primary antibody (1:100, 2 h at RT). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1h). Nuclei were counterstained with Hoechst 33342 (blue). APG1 (ULK1) immunoreactivity is localized to autophagic vacuoles in the cytoplasm of U251 cells.