

Product datasheet for **TA324637S**

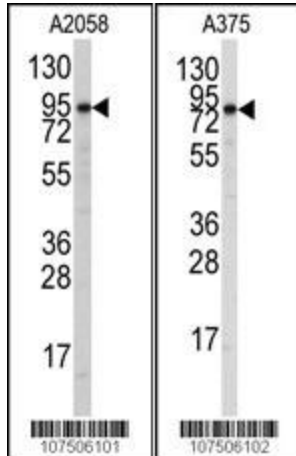
ATG9A Rabbit Polyclonal Antibody

Product data:

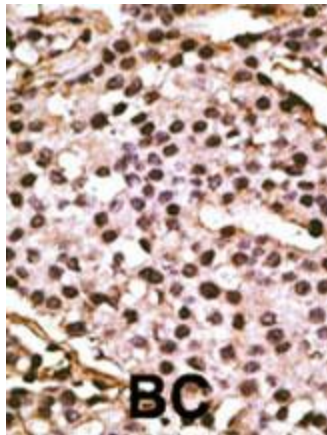
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | IF: 1:100, WB: 1:1000, IHC: 1:50~100 |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | This ATG9A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 717-746 amino acids from the C-terminal region of human ATG9A. |
| 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: | 94447 Da |
| Gene Name: | autophagy related 9A |
| Database Link: | NP_001070666 Entrez Gene 79065 Human Q7Z3C6 |
| Synonyms: | APG9L1; mATG9; MGD3208 |
| Protein Families: | Transmembrane |



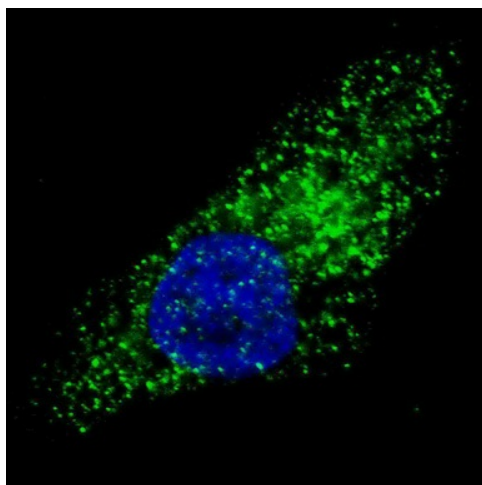
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Product images:


Western blot analysis of anti-Autophagy APG9L1 Antibody (C-term) (Cat.#[TA324637]) in A2058 and A375 cell line lysates (35ug/lane). APG9L1 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



IF image of U251 cells stained with ATG9A (C-term) antibody. U251 cells were treated with Chloroquine, then incubated with [TA324637] ATG9A (C-term) 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). ATG9A immunoreactivity is localized to autophagic vacuoles in the cytoplasm of U251 cells.