

KD-Validated Anti-ATG4C Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

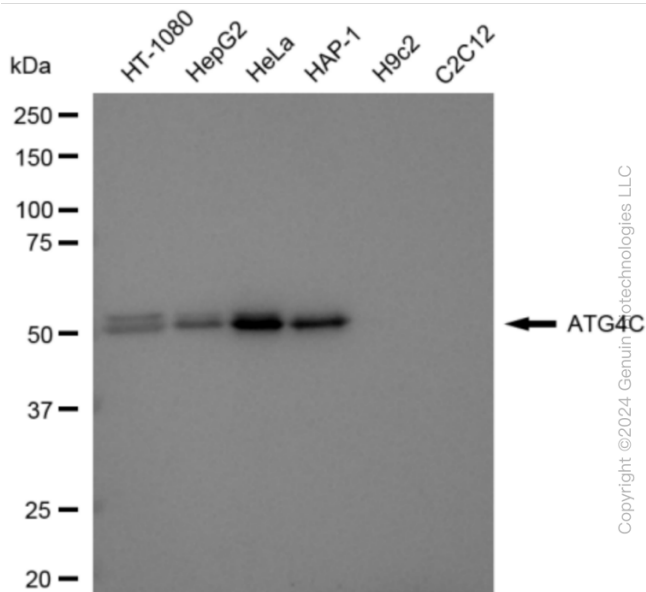
ABG1894

Product Overview

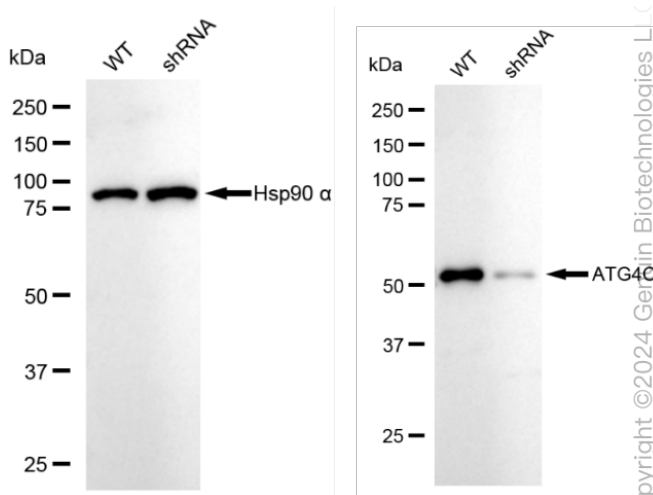
Name	KD-Validated Anti-ATG4C Rabbit Monoclonal Antibody
Accession(Primary)	Q96DT6
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	Recombinant protein of human ATG4C
Species Reactivity	Human
Calculated MW	Predicted, 52 kDa, observed, 52 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

Target information (Q96DT6)

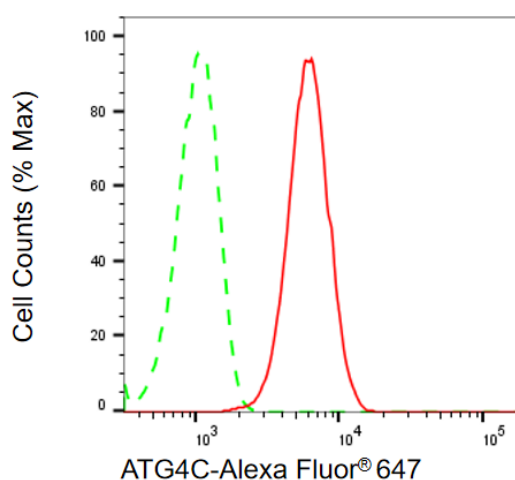
Gene Name	ATG4C
About Gene Symbol	ATG4C (Autophagy Related 4C Cysteine Peptidase) is a protease enzyme involved in autophagy. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify



Western blotting analysis using anti-ATG4C antibody (Cat#ABG1894). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ATG4C antibody (Cat#ABG1894, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-ATG4C antibody (Cat#ABG1894). ATG4C expression in wild-type (WT) and ATG4C shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-ATG4C antibody (Cat#ABG1894, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of ATG4C expression in HeLa cells using anti-ATG4C antibody (Cat #ABG1894, 1:2,000). Green, isotype control; red, ATG4C.