9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-ATG5 Rabbit Polyclonal Antibody

Rabbit polyclonal antibody

ABG2155

Product Overview

Name	KD-Validated Anti-ATG5 Rabbit Polyclonal Antibody
Accession(Primary)	Q9H1Y0
Host Species	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ATG5
Species Reactivity	Human
Calculated MW	Predicted, 32 kDa, observed, 55 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:200-1:1,000

Target information (Q9H1Y0)

Gene Name	ATG5
About Gene Symbol	ATG5 (Autophagy Related 5) is an autophagy regulatory protein involved in autophagy and apoptosis. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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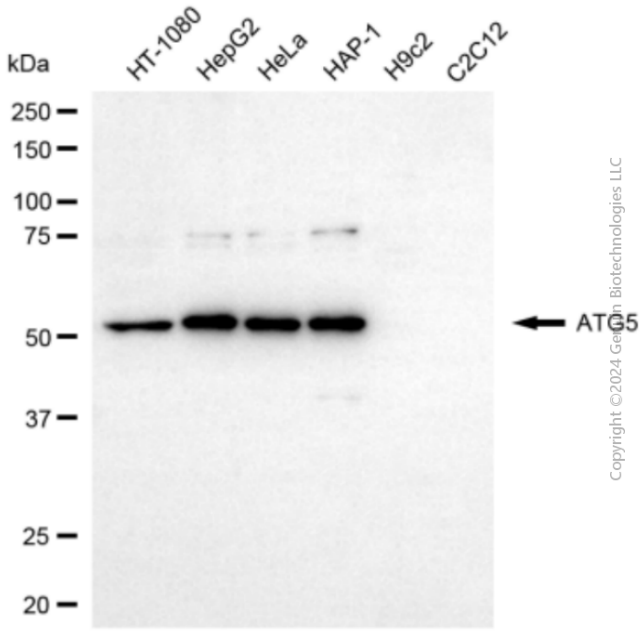
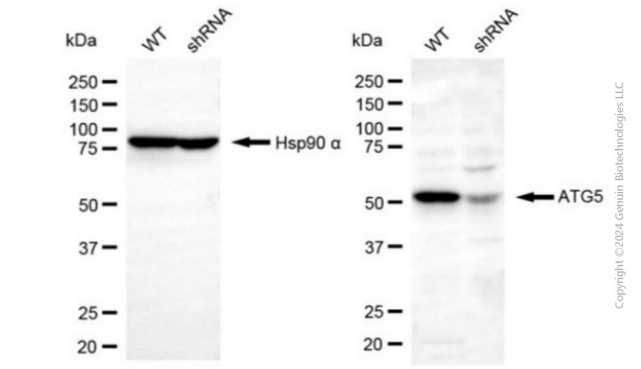


Western blotting analysis using anti-ATG5 antibody (Cat#ABG2155). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ATG5 antibody (Cat#ABG2155, 1:1,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-ATG5 antibody (Cat #ABG2155). ATG5 expression in wild-type (WT) and ATG5 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-ATG5 antibody (Cat #ABG2155, 1:1,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.