

KD-Validated Anti-Beclin 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

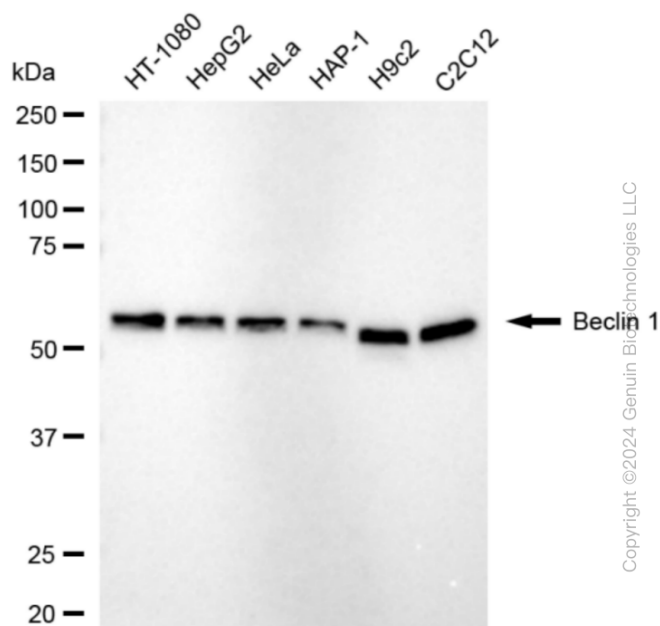
ABG1830

Product Overview

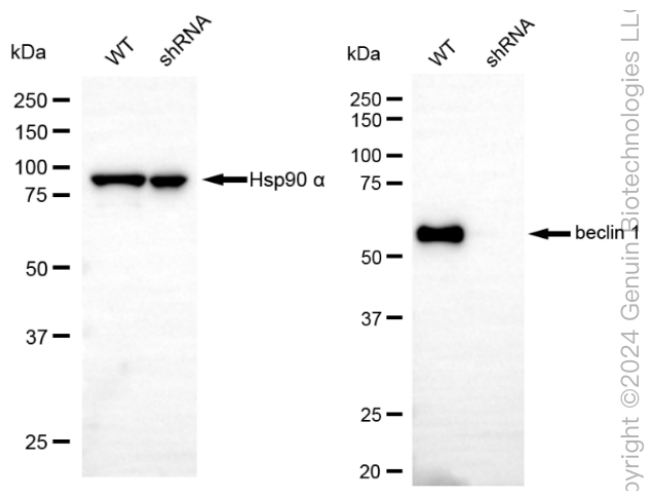
Name	KD-Validated Anti-Beclin 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q14457
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	Recombinant protein of human Beclin 1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 52 kDa, observed, 60 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000

Target information (Q14457)

Gene Name	BECN1
About Gene Symbol	BECN1 (Beclin 1) 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.



Western blotting analysis using anti-beclin 1 antibody (Cat#ABG1830). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-beclin 1 antibody (Cat#ABG1830, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-beclin 1 antibody (Cat#ABG1830). Beclin 1 expression in wild type (WT) and beclin 1 (BECN1) shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-beclin 1 antibody (Cat#ABG1830, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.