

KD-Validated Anti-Leucine aminopeptidase 3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

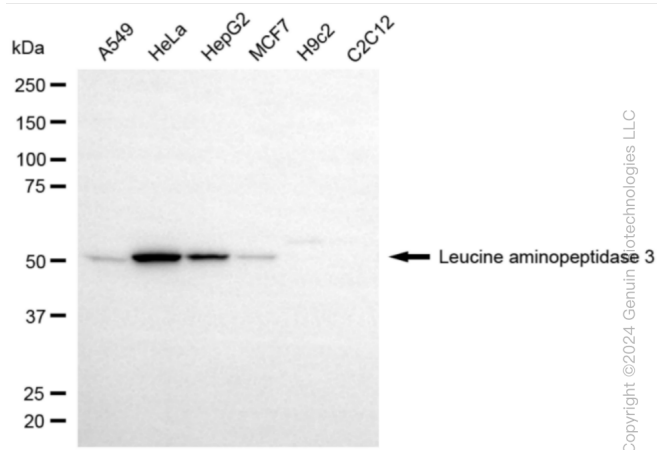
ABG1027

Product Overview

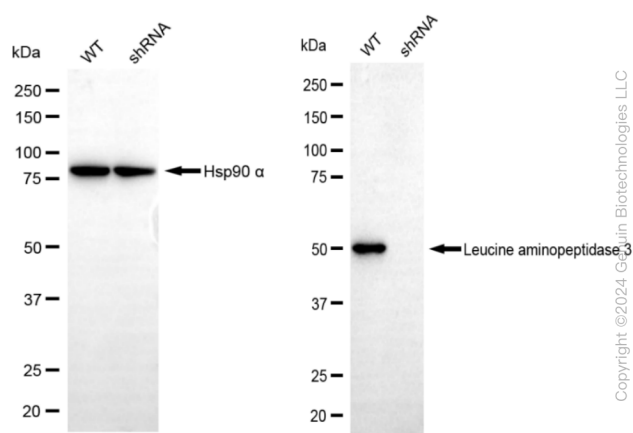
Name	KD-Validated Anti-Leucine aminopeptidase 3 Rabbit Monoclonal Antibody
Accession(Primary)	P28838
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human LAP3
Species Reactivity	Human, Rat
Calculated MW	Predicted, 56 kDa, observed, 52 kDa
Storage 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 Immunocytochemistry (IC): 1:1,000

Target information (P28838)

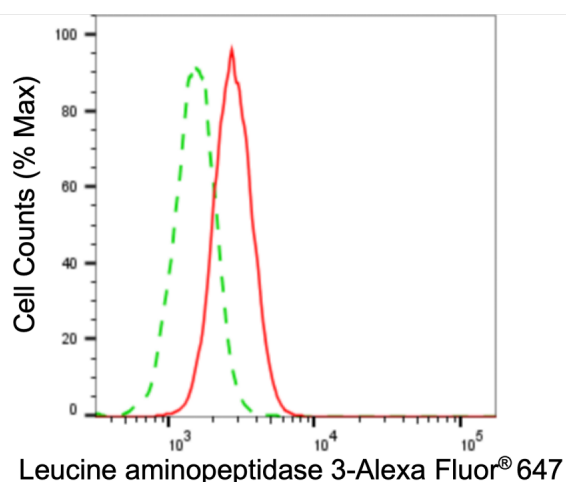
Gene Name	LAP3
About Gene Symbol	LAP3 (Leucine Aminopeptidase 3) is a protease enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



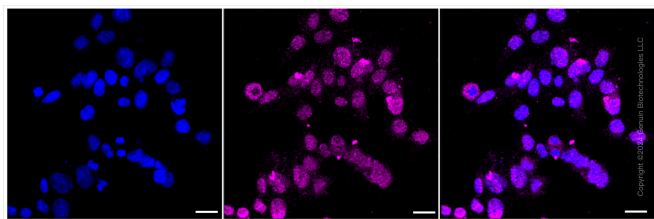
Western blotting analysis using anti-leucine aminopeptidase 3 antibody (Cat#ABG1027). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-leucine aminopeptidase 3 antibody (Cat#ABG1027, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-leucine aminopeptidase 3 antibody (Cat#ABG1027). Leucine aminopeptidase 3 expression in wild type (WT) and leucine aminopeptidase 3 (LAP3) 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-leucine aminopeptidase 3 antibody (Cat#ABG1027, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of leucine aminopeptidase 3 expression in HAP-1 cells using anti-Leucine aminopeptidase 3 antibody (Cat#ABG1027, 1:2,000). Green, isotype control; red, leucine aminopeptidase 3.



Immunocytochemical staining of HAP-1 cells with anti-leucine aminopeptidase 3 antibody (Cat#ABG1027, 1:1,000). Nuclei were stained blue with DAPI; Leucine aminopeptidase 3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.