

KD-Validated Anti-CNDP2 Mouse Monoclonal Antibody

Mouse monoclonal antibody

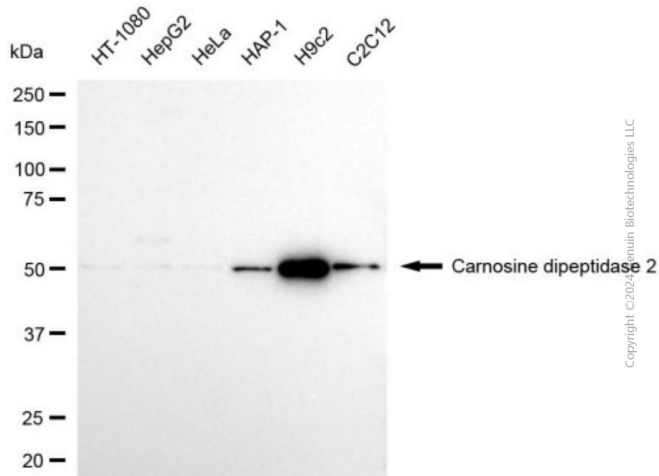
ABG2009

Product Overview

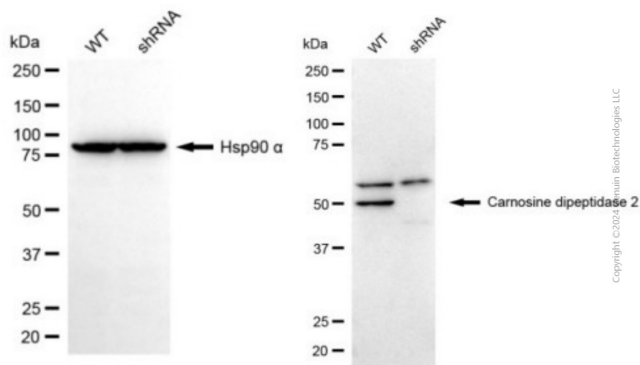
Name	KD-Validated Anti-CNDP2 Mouse Monoclonal Antibody
Accession(Primary)	Q96KP4
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human CNDP2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 53 kDa, observed, 53 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500

Target information (Q96KP4)

Gene Name	CNDP2
About Gene Symbol	CNDP2 (Carnosine Dipeptidase 2) 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-carnosine dipeptidase 2 antibody (Cat#ABG2009). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-carnosine dipeptidase 2 antibody (Cat#ABG2009, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-carnosine dipeptidase 2 antibody (Cat#ABG2009). Carnosine dipeptidase 2 expression in wild-type (WT) and carnosine dipeptidase 2 (CNDP2) shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-carnosine dipeptidase 2 antibody (Cat#ABG2009, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.