

KD-Validated Anti-GTP Cyclohydrolase 1 Mouse Monoclonal Antibody

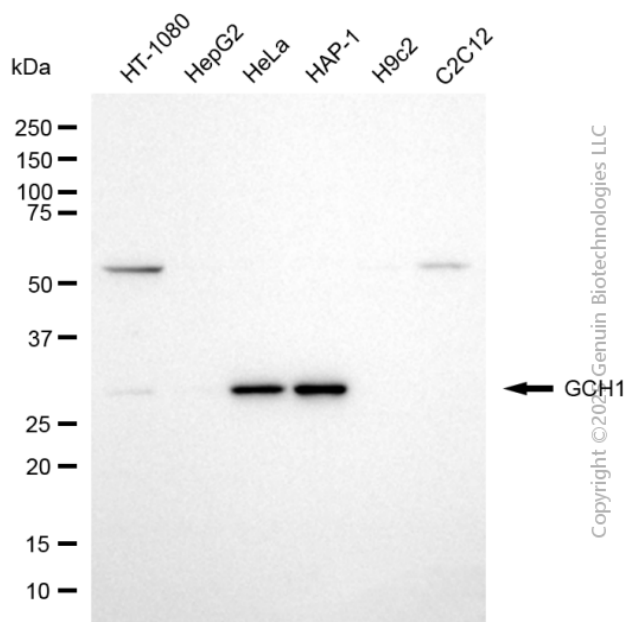
ABG2065

Product Overview

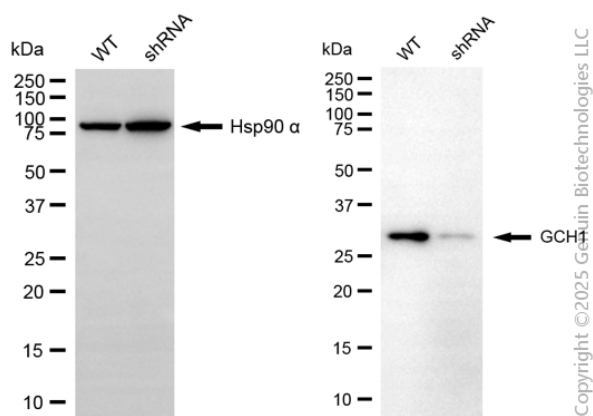
Name	KD-Validated Anti-GTP Cyclohydrolase 1 Mouse Monoclonal Antibody
Accession(Primary)	P30793
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2a
Immunogen	Recombinant protein of human GCH1
Species Reactivity	Human
Calculated MW	Predicted, 28 kDa, observed, 30 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500

Target information (P30793)

Gene Name	GCH1
About Gene Symbol	GCH1 (GTP Cyclohydrolase 1) is a metabolic 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-GCH1 antibody (Cat#ABG2065). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-GCH1 antibody (Cat#ABG2065, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-GCH1 antibody (Cat#ABG2065). GCH1 expression in wild-type (WT) and GCH1 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-GCH1 antibody (Cat#ABG2065, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.