

KD-Validated Anti-GFPT1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

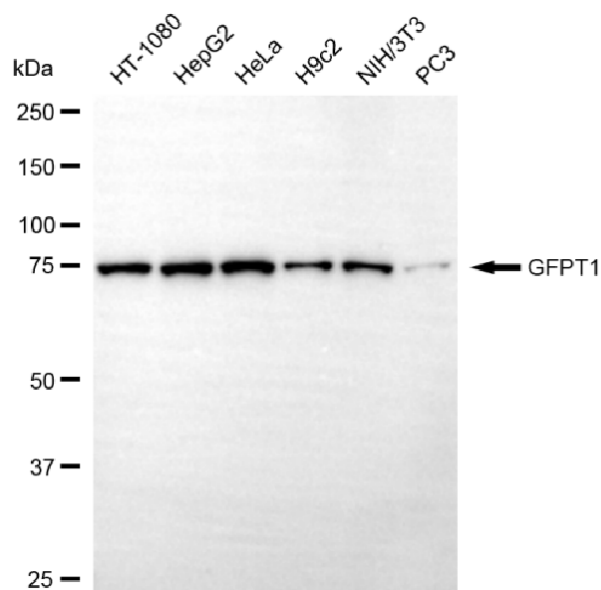
ABG1298

Product Overview

Name	KD-Validated Anti-GFPT1 Rabbit Monoclonal Antibody
Accession(Primary)	Q06210
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human GFPT1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 79 kDa; observed, 75 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Immunocytochemistry (IC): 1:100-1:1,000

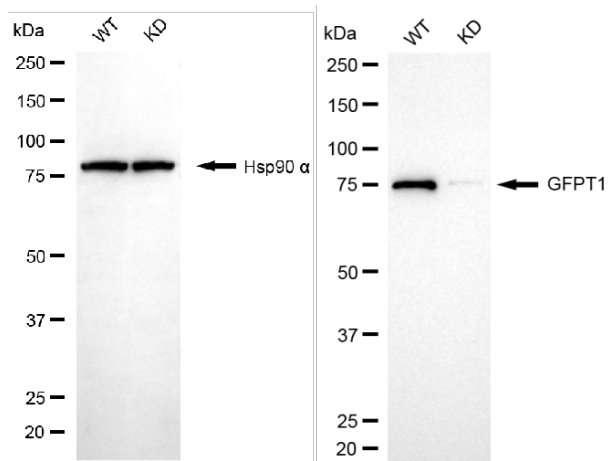
Target information (Q06210)

Gene Name	GFPT1
About Gene Symbol	GFPT1 (Glutamine--Fructose-6-Phosphate Transaminase 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.



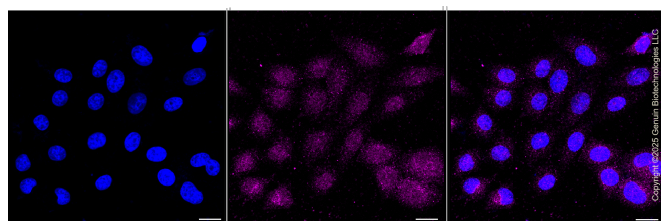
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Western blotting analysis using anti-GFPT1 antibody (Cat#ABG1298). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-GFPT1 antibody (Cat#ABG1298, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-GFPT1 antibody (Cat#ABG1298). GFPT1 expression in wild type (WT) and GFPT1 knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-GFPT1 antibody (Cat#ABG1298, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HepG2 cells with anti-GFPT1 antibody (Cat#ABG1298, 1:1000). Nuclei were stained blue with DAPI; GFPT1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Meidum. Scale bar, 20 µm.