

KD-Validated Anti-DDAH1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

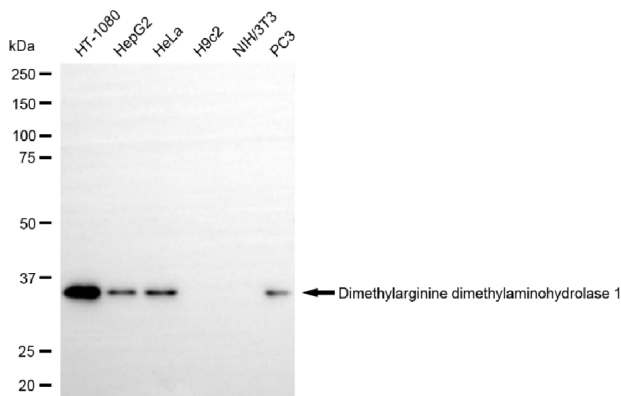
ABG1337

Product Overview

Name	KD-Validated Anti-DDAH1 Rabbit Monoclonal Antibody
Accession(Primary)	O94760
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human DDAH1
Species Reactivity	Human
Calculated MW	Predicted, 31 kDa; observed, 36 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

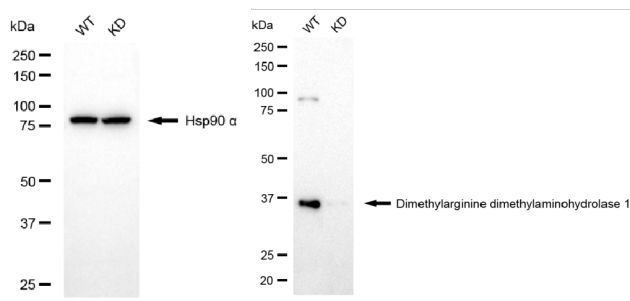
Target information (O94760)

Gene Name	DDAH1
About Gene Symbol	DDAH1 (Dimethylarginine Dimethylaminohydrolase 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.



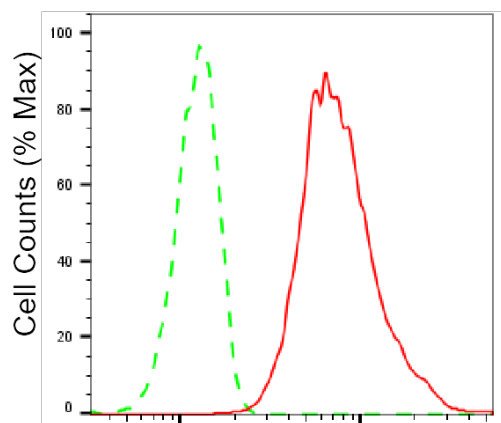
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Western blotting analysis using anti-dimethylarginine dimethylaminohydrolase 1 antibody (Cat#ABG1337). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-dimethylarginine dimethylaminohydrolase 1 antibody (Cat#ABG1337, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



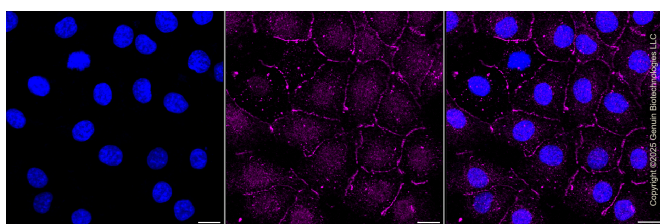
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Western blotting analysis using anti-dimethylarginine dimethylaminohydrolase 1 antibody (Cat#ABG1337). Dimethylarginine dimethylaminohydrolase 1 expression in wild type (WT) and dimethylarginine dimethylaminohydrolase 1 (DDAH1) knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-dimethylarginine dimethylaminohydrolase 1 antibody (Cat#ABG1337, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Dimethylarginine dimethylaminohydrolase 1 expression in HT-1080 cells using anti-Dimethylarginine dimethylaminohydrolase 1 antibody (Cat#ABG1337, 1:2,000). Green, isotype control; red, Dimethylarginine dimethylaminohydrolase 1.

Dimethylarginine dimethylaminohydrolase 1-
Alexa Fluor® 647



Immunocytochemical staining of HT-1080 cells with anti-Dimethylarginine dimethylaminohydrolase 1 antibody (Cat#ABG1337, 1:1,000). Nuclei were stained blue with DAPI; Dimethylarginine dimethylaminohydrolase 1 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.