

KD-Validated Anti-HIBCH Mouse Monoclonal Antibody

Mouse monoclonal antibody

Catalog # AGI2058

Product Information

Application	WB
Primary Accession	Q6NVY1
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2a
Clone Names	24GB13045
Calculated MW	43482
Gene Name	HIBCH
Aliases	HIBCH; 3-Hydroxyisobutyryl-CoAHydrolase; 3-Hydroxyisobutyryl-Coenzyme A Hydrolase; 3-Hydroxyisobutyryl-CoA Hydrolase, Mitochondrial; HIB-CoA Hydrolase; HIBYL-CoA-H; EC 3.1.2.4; Testicular Tissue Protein Li 86; HIBYLCOAH
Immunogen	Recombinant protein of human HIBCH

Additional Information

Gene ID	26275
Other Names	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial, 3.1.2.4, 3-hydroxyisobutyryl-coenzyme A hydrolase, HIB-CoA hydrolase, HIBYL-CoA-H, HIBCH

Protein Information

Name	HIBCH
Function	Hydrolyzes 3-hydroxyisobutyryl-CoA (HIBYL-CoA), a saline catabolite. Has high activity toward isobutyryl-CoA. Could be an isobutyryl-CoA dehydrogenase that functions in valine catabolism. Also hydrolyzes 3-hydroxypropanoyl-CoA.
Cellular Location	Mitochondrion.
Tissue Location	Highly expressed in liver and kidney, also detected in heart, muscle and brain (at protein level). Not detected in lung

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.