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HIBCH Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56019

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q6NVY1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43482

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
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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'.