

Rabbit HIBADH Polyclonal Antibody | anti-HIBADH antibody

HIBADH Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328669	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Dog, Chicken, Xenopus	Western Blot

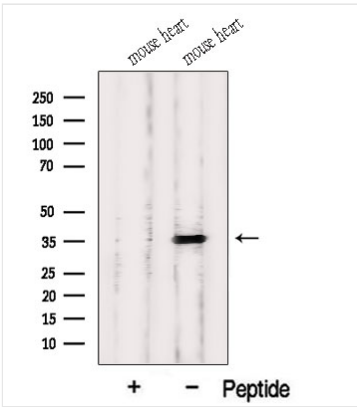
PRODUCT SYNONYMS

HIBADH; Polyclonal Antibody; HIBADH Antibody; 3 hydroxy 2 methylpropanoate:NAD(+) oxidoreductase; 3 hydroxyisobutyrate dehydrogenase; 3 hydroxyisobutyrate dehydrogenase mitochondrial; 3-hydroxyisobutyrate dehydrogenase; 3HIDH_HUMAN; EC 1.1.1.31; MGC40361; mitochondrial; NS5ATP1; anti-HIBADH antibody

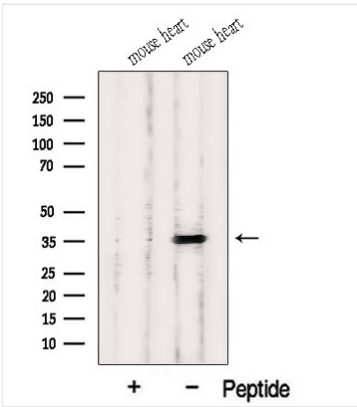
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	HIBADH Antibody detects endogenous levels of HIBADH.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	336
Applicable Applications for anti-HIBADH antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human HIBADH.
Tissue Specificity	Detected in skin fibroblasts.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Mitochondrion
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from Mouse heart tissue, using HIBADH Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from 3T3, using HIBADH Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-HIBADH antibody	Description: 3-hydroxy-2-methylpropanoate + NAD ⁺ = 2-methyl-3-oxopropanoate + NADH.
	Subunit Structure: Homodimer.
	Similarity: Belongs to the 3-hydroxyisobutyrate dehydrogenase family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23308751
NCBI GeneID	11112
NCBI Accession #	NP_689953.1
NCBI GenBank Nucleotide #	NP_689953.1
UniProt Accession #	P31937
Molecular Weight	Observed: 35 kDa Predicted: 36 kDa
NCBI Official Full Name	3-hydroxyisobutyrate dehydrogenase, mitochondrial
NCBI Official Synonym Full Names	3-hydroxyisobutyrate dehydrogenase
NCBI Official Symbol	HIBADH
NCBI Official Synonym Symbols	NS5ATP1
NCBI Protein Information	3-hydroxyisobutyrate dehydrogenase, mitochondrial
UniProt Protein Name	3-hydroxyisobutyrate dehydrogenase, mitochondrial
UniProt Gene Name	HIBADH
UniProt Synonym Gene Names	HIBADH
UniProt Entry Name	3HIDH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.