

HIBADH rabbit pAb

Cat#: orb767475 (Manual)

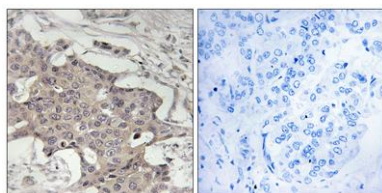
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Product Name	HIBADH rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human HIBADH. AA range:281-330
Specificity	HIBADH Polyclonal Antibody detects endogenous levels of HIBADH protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	3-hydroxyisobutyrate dehydrogenase mitochondrial
Gene Name	HIBADH
Cellular localization	Mitochondrion.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	
Human Gene ID	11112
Human Swiss-Prot Number	P31937
Alternative Names	HIBADH; 3-hydroxyisobutyrate dehydrogenase; mitochondrial; HIBADH

Background

This gene encodes a mitochondrial 3-hydroxyisobutyrate dehydrogenase enzyme. The encoded protein plays a critical role in the catabolism of L-valine by catalyzing the oxidation of 3-hydroxyisobutyrate to methylmalonate semialdehyde. [provided by RefSeq, Nov 2011],



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using HIBADH Antibody. The picture on the right is blocked with the synthesized peptide.