



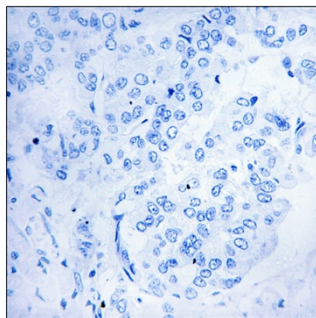
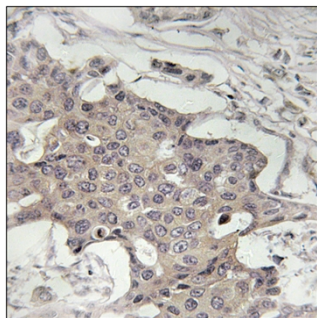
HIBADH Polyclonal Antibody

Catalog No	BYab-19063
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;ELISA
Gene Name	HIBADH
Protein Name	3-hydroxyisobutyrate dehydrogenase mitochondrial
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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HIBADH; 3-hydroxyisobutyrate dehydrogenase; mitochondrial; HIBADH
Observed Band	
Cell Pathway	Mitochondrion.
Tissue Specificity	Detected in skin fibroblasts.
Function	catalytic activity:3-hydroxy-2-methylpropanoate + NAD(+) = 2-methyl-3-oxopropanoate + NADH.,similarity:Belongs to the 3-hydroxyisobutyrate dehydrogenase family.,subunit:Homodimer.,
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],
matters needing attention	Avoid repeated freezing and thawing!

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**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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