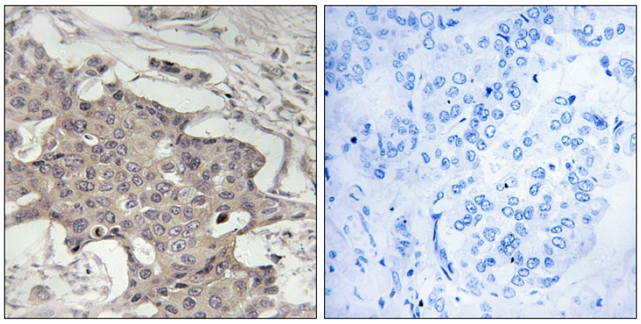
HIBADH Polyclonal Antibody

Catalog No	YP-Ab-02654
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!
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.