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Product datasheet for TA322016S

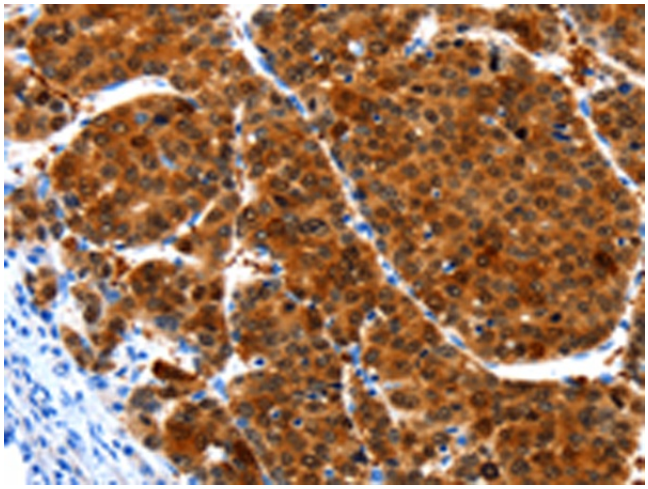
HIBADH Rabbit Polyclonal Antibody

Product data:

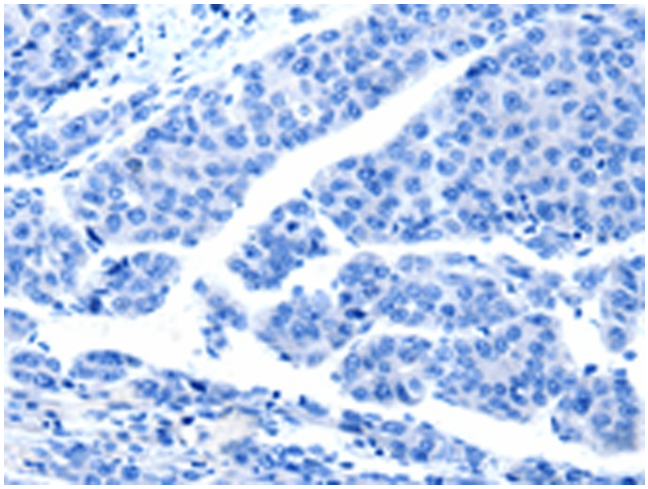
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 314-326 amino acids of Human 3-hydroxyisobutyrate dehydrogenase
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	3-hydroxyisobutyrate dehydrogenase
Database Link:	NP_689953 Entrez Gene 58875 MouseEntrez Gene 63938 RatEntrez Gene 11112 Human P31937
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.
Synonyms:	NS5ATP1
Protein Pathways:	Metabolic pathways, Valine, leucine and isoleucine degradation

View online »

Product images:



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA322016] (HIBADH Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA322016] (HIBADH Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)