

Rabbit HIBADH Polyclonal Antibody | anti-HIBADH antibody

HIBADH Polyclonal Antibody

CATALOG # AAA22277	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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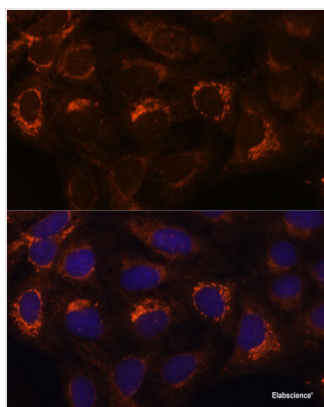
PRODUCT SYNONYMS

HIBADH; Polyclonal Antibody; HIBADH Polyclonal Antibody; NS5ATP1; 3-hydroxyisobutyrate dehydrogenase; anti-HIBADH antibody

PRODUCT SPECIFICATIONS

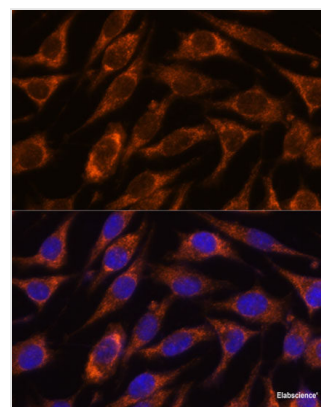
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-HIBADH antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human HIBADH
Research Area	Cancer, Cell Biology, Metabolism, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



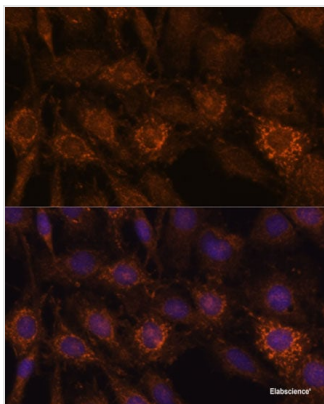
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using HIBADH Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



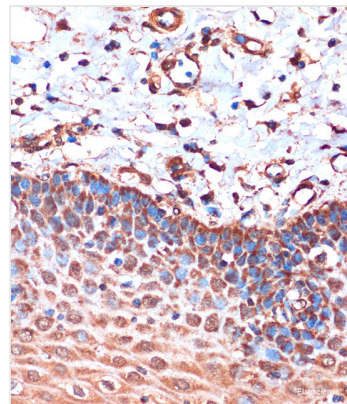
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using HIBADH Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



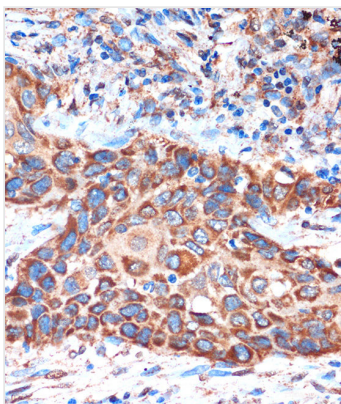
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using HIBADH Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



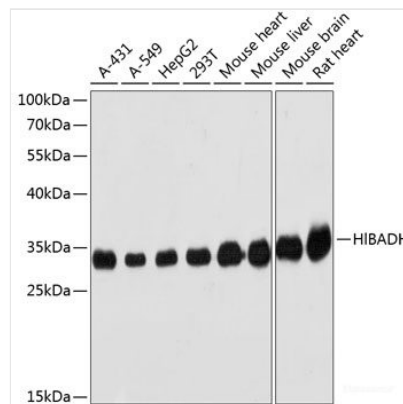
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophageal using HIBADH Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer using HIBADH Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using HIBADH Polyclonal Antibody at 1:3000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-HIBADH antibody	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.
Product Categories/Family for anti-HIBADH antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	23308751
NCBI GeneID	11112
NCBI Accession #	NP_689953.1
NCBI GenBank Nucleotide #	NM_152740.3
UniProt Accession #	P31937 ; Q546Z2 ; Q9UDN3
Molecular Weight	35,329 Da
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; 3'-hydroxyisobutyrate dehydrogenase
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hibadh-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/22277>