

# Rabbit anti-Mouse, Rat 3-Hydroxyisobutyryl Coenzyme A Hydrolase Polyclonal Antibody | anti-HIBCH antibody

Polyclonal Antibody to 3-Hydroxyisobutyryl Coenzyme A Hydrolase (HIBCH)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA145726 | Rabbit | Mouse, Rat | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

## PRODUCT SYNONYMS

3-Hydroxyisobutyryl Coenzyme A Hydrolase; Polyclonal Antibody; Polyclonal Antibody to 3-Hydroxyisobutyryl Coenzyme A Hydrolase (HIBCH); Beta-Hydroxyisobutyryl-CoA Hydrolase; anti-HIBCH antibody

## PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reactivity                                      | Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against HIBCH. It has been selected for its ability to recognize HIBCH in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                    |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Form/Format                                     | Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                          |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sequence Length                                 | 465                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-HIBCH antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                     |
| Fragment                                        | HIBCH (Met1~Gly170)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugate                                       | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Cross Reactivity                                | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunoglobulin Type                             | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Quality Control                                 | Content: The quality control contains recombinant HIBCH (Met1~Gly170) disposed in loading buffer.<br>Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.<br>5uL per well when used in enhanced chemiluminescent (ECL).<br>Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.<br>Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN <sub>3</sub> 0.02%. |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                               |
| Preparation and Storage                         | Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                       |

IMAGES



**IHC (Immunohistochemisry)**  
DAB staining on fromalin fixed paraffin- embedded kidney tissue



**WB (Western Blot)**  
Western Blot: Sample: Recombinant protein.



**WB (Western Blot)**  
Western Blot: Sample: Mouse Lung lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse HIBCH Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 22122625                                         |
| NCBI GeneID                      | 227095                                           |
| NCBI Accession #                 | NP_666220.1                                      |
| NCBI GenBank Nucleotide #        | NM_146108.2                                      |
| UniProt Accession #              | Q8QZS1                                           |
| Molecular Weight                 | 43,038 Da                                        |
| NCBI Official Full Name          | 3-hydroxyisobutyryl-CoA hydrolase, mitochondrial |
| NCBI Official Synonym Full Names | 3-hydroxyisobutyryl-Coenzyme A hydrolase         |
| NCBI Official Symbol             | Hibch                                            |
| NCBI Official Synonym Symbols    | HIBYL-COA-H; 2610509I15Rik                       |
| NCBI Protein Information         | 3-hydroxyisobutyryl-CoA hydrolase, mitochondrial |
| UniProt Protein Name             | 3-hydroxyisobutyryl-CoA hydrolase, mitochondrial |
| UniProt Gene Name                | Hibch                                            |
| UniProt Synonym Gene Names       | HIB-CoA hydrolase; HIBYL-CoA-H                   |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/3-hydroxyisobutyryl-coenzyme-a-hydrolase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145726>