

Datasheet for ABIN7445144
anti-HIBCH antibody (AA 1-170)



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3 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | HIBCH |
| Binding Specificity: | AA 1-170 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

Product Details

| | |
|-------------------|--|
| Purpose: | Polyclonal Antibody to 3-Hydroxyisobutyryl Coenzyme A Hydrolase (HIBCH) |
| Immunogen: | Recombinant 3-Hydroxyisobutyryl Coenzyme A Hydrolase (HIBCH) corresponding to Met1~Gly170 |
| Isotype: | IgG |
| 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. |
| Cross-Reactivity: | Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

| | |
|---------|-------|
| Target: | HIBCH |
|---------|-------|

Target Details

Alternative Name: 3-Hydroxyisobutyryl Coenzyme A Hydrolase ([HIBCH Products](#))

Background: Beta-Hydroxyisobutyryl-CoA Hydrolase

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Western blotting: 0.5-2 µg/mL
1:500-2000 Immunohistochemistry: 5-20 µg/mL
1:50-200 Immunocytochemistry: 5-20 µg/mL
1:50-200 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

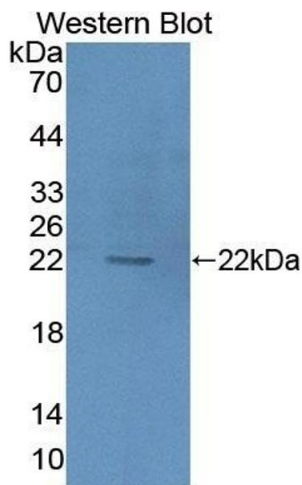
Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date: 24 months



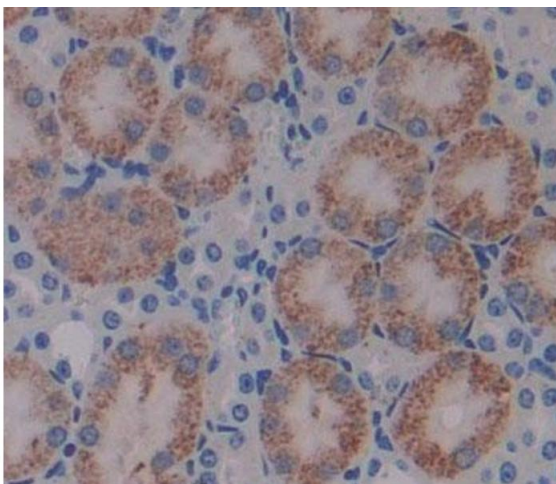
Western Blotting

Image 1. Detection of HIBCH in Mouse Lung lysate using Polyclonal Antibody to 3-Hydroxyisobutyryl Coenzyme A Hydrolase (HIBCH)



Western Blotting

Image 2. Detection of Recombinant HIBCH, Mouse using Polyclonal Antibody to 3-Hydroxyisobutyryl Coenzyme A Hydrolase (HIBCH)



Immunohistochemistry

Image 3. #VALUE!