

# HIBCH Polyclonal Antibody

Catalog Number:E-AB-91707

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

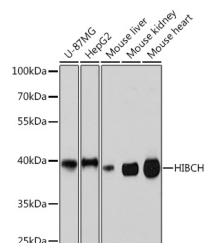
## Description

|                     |                                               |
|---------------------|-----------------------------------------------|
| <b>Reactivity</b>   | Human,Mouse,Rat                               |
| <b>Immunogen</b>    | Recombinant fusion protein of human HIBCH     |
| <b>Host</b>         | Rabbit                                        |
| <b>Isotype</b>      | IgG                                           |
| <b>Purification</b> | Affinity purification                         |
| <b>Conjugation</b>  | Unconjugated                                  |
| <b>Formulation</b>  | PBS with 0.01% thiomersal,50% glycerol,pH7.3. |

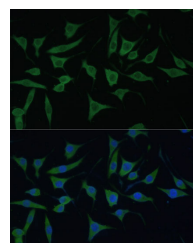
## Applications Recommended Dilution

|           |              |
|-----------|--------------|
| <b>WB</b> | 1:500-1:2000 |
| <b>IF</b> | 1:50-1:100   |

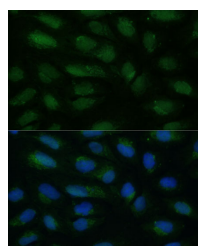
## Data



Western blot analysis of extracts of various cell lines using HIBCH Polyclonal Antibody at 1:3000 dilution.  
**Observed Mw:40kDa**



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



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

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze/thaw cycles.

## Background

This gene encodes the enzyme responsible for hydrolysis of both HIBYL-CoA and beta-hydroxypropionyl-CoA. Mutations in this gene have been associated with 3-hydroxyisobutyryl-CoA hydrolase deficiency. Alternative splicing results in multiple transcript variants.

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