



# HIBCH Rabbit pAb

|                                    |                                                                                                                                                                                                                                     |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-18905                                                                                                                                                                                                                         |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                 |
| <b>Reactivity</b>                  | Human,Mouse,Rat                                                                                                                                                                                                                     |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                  |
| <b>Gene Name</b>                   | HIBCH                                                                                                                                                                                                                               |
| <b>Immunogen</b>                   | Synthesized peptide derived from human HIBCH                                                                                                                                                                                        |
| <b>Specificity</b>                 | This antibody detects endogenous levels of HIBCH at Human, Mouse,Rat                                                                                                                                                                |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                             |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                              |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                               |
| <b>Dilution</b>                    | WB 1:500-2000                                                                                                                                                                                                                       |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                             |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                        |
| <b>Synonyms</b>                    | HIBYLCOAH;HIBCH;3-hydroxyisobutyryl-CoA hydrolase;mitochondrial (3-hydroxyisobutyryl-coenzyme A hydrolase) (HIB-CoA hydrolase) (HIBYL-CoA-H)                                                                                        |
| <b>Observed Band</b>               | 38kDa/43kDa                                                                                                                                                                                                                         |
| <b>Calculated Molecular Weight</b> | 43kDa                                                                                                                                                                                                                               |
| <b>Cell Pathway</b>                | Mitochondrion .                                                                                                                                                                                                                     |
| <b>Tissue Specificity</b>          | Highly expressed in liver and kidney, also detected in heart, muscle and brain (at protein level). Not detected in lung.                                                                                                            |
| <b>Function</b>                    | Hydrolyzes 3-hydroxyisobutyryl-CoA (HIBYL-CoA), a saline catabolite. Has high activity toward isobutyryl-CoA. Could be an isobutyryl-CoA dehydrogenase that functions in valine catabolism. Also hydrolyzes 3-hydroxypropanoyl-CoA. |
| <b>Background</b>                  |                                                                                                                                                                                                                                     |
| <b>matters needing attention</b>   | Avoid repeated freezing and thawing!                                                                                                                                                                                                |
| <b>Usage suggestions</b>           | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.                                                                                                   |



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