

## Rabbit HADH Polyclonal Antibody | anti-HADH antibody

HADH antibody - middle region

| CATALOG # | HOST   | REACTIVITY                                             | APPLICATIONS |
|-----------|--------|--------------------------------------------------------|--------------|
| AAA200418 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat | Western Blot |

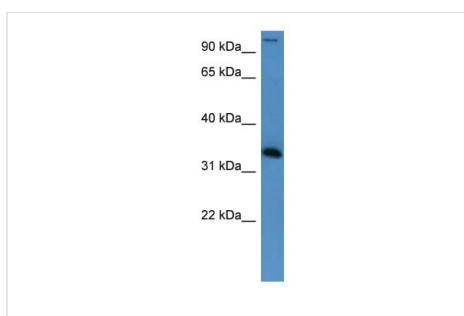
### PRODUCT SYNONYMS

HADH; Polyclonal Antibody; HADH antibody - middle region; anti-HADH antibody

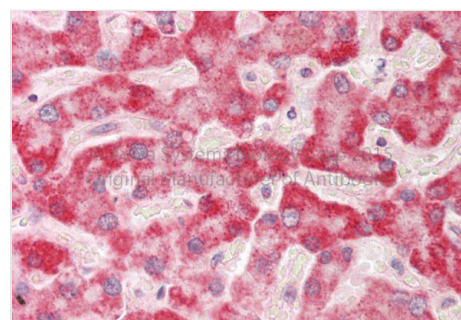
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: SS LQITSIANAT TRQDRFAGLH FFNPVPMKL VEVIKTPMTS QKTFESLV                                                   |
| Sequence Length                                | 314                                                                                                                                                   |
| Applicable Applications for anti-HADH antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%                                                  |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the middle region of human HADH                                                                 |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

WB Suggested Anti-HADH Antibody Titration: 0.2-1 ug/mL  
ELISA Titer: 1:31250  
Positive Control: Human Lung


#### IHC (Immunohistochemistry)

Rabbit Anti-HADH antibody  
Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver  
Observed Staining: Cytoplasm in hepatocytes  
Primary Antibody Concentration: 1:600  
Secondary Antibody: Donkey anti-Rabbit-Cy3  
Secondary Antibody Concentration: 1:200  
Magnification: 20X  
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HADH antibody | <p>This is a rabbit polyclonal antibody against HADH. It was validated on Western Blot</p> <p>Target Description: HADH functions in the mitochondrial matrix to catalyze the oxidation of straight-chain 3-hydroxyacyl-CoAs as part of the beta-oxidation pathway. Its enzymatic activity is highest with medium-chain-length fatty acids. Mutations in this gene cause one form of familial hyperinsulinemic hypoglycemia.</p> |
| Product Categories/Family for anti-HADH antibody   | <a href="#">Polyclonal</a> ; <a href="#">Drugs and Drug Metabolism</a> ; <a href="#">Developmental Biology</a> ; <a href="#">Disease Related</a>                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| NCBI GI #                        | 296179429                                                     |
| NCBI GeneID                      | 3033                                                          |
| NCBI Accession #                 | NP_005318                                                     |
| NCBI GenBank Nucleotide #        | NM_005327                                                     |
| UniProt Accession #              | Q16836                                                        |
| Molecular Weight                 | 33kDa                                                         |
| NCBI Official Full Name          | hydroxyacyl-coenzyme A dehydrogenase, mitochondrial isoform 2 |
| NCBI Official Synonym Full Names | hydroxyacyl-CoA dehydrogenase                                 |
| NCBI Official Symbol             | HADH                                                          |
| NCBI Official Synonym Symbols    | HAD; HCDH; HHF4; HADH1; SCHAD; HADHSC; MSCHAD                 |
| NCBI Protein Information         | hydroxyacyl-coenzyme A dehydrogenase, mitochondrial           |
| UniProt Protein Name             | Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial           |
| UniProt Gene Name                | <b>HADH</b>                                                   |
| UniProt Synonym Gene Names       | HAD; HADHSC; SCHAD; HCDH                                      |
| UniProt Entry Name               | HCDH_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.

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/hadh-antibody-western-blot-elisa/200418>