

## Rabbit anti-Human, Mouse L2HGDH Polyclonal Antibody | anti-L2HGDH antibody

L2HGDH Polyclonal Antibody

|                               |                       |                                   |                                                           |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA280336</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

L2HGDH; Polyclonal Antibody; L2HGDH Polyclonal Antibody; anti-L2HGDH antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                 |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                          |
| Reactivity                                       | Human, Mouse                                                                                                    |
| Clonality                                        | Polyclonal                                                                                                      |
| Isotype                                          | IgG                                                                                                             |
| Purity/Purification                              | Affinity Purification                                                                                           |
| Sequence Length                                  | 463                                                                                                             |
| Applicable Applications for anti-L2HGDH antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                   |
| Immunogen                                        | Recombinant Protein                                                                                             |
| Immunogen                                        | Recombinant protein of human L2HGDH                                                                             |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



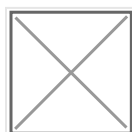
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using L2HGDH antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using L2HGDH antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using L2HGDH antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-L2HGDH antibody | This gene encodes L-2-hydroxyglutarate dehydrogenase, a FAD-dependent enzyme that oxidizes L-2-hydroxyglutarate to alpha-ketoglutarate in a variety of mammalian tissues. Mutations in this gene cause L-2-hydroxyglutaric aciduria, a rare autosomal recessive neurometabolic disorder resulting in moderate to severe mental retardation. |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI GI #                        | 13376331                                          |
| NCBI GeneID                      | 79944                                             |
| NCBI Accession #                 | NP_079160.1                                       |
| NCBI GenBank Nucleotide #        | NM_024884.2                                       |
| UniProt Accession #              | Q9H9P8; Q9BRR1                                    |
| Molecular Weight                 | 50kDa                                             |
| NCBI Official Full Name          | L-2-hydroxyglutarate dehydrogenase, mitochondrial |
| NCBI Official Synonym Full Names | L-2-hydroxyglutarate dehydrogenase                |
| NCBI Official Symbol             | L2HGDH                                            |
| NCBI Official Synonym Symbols    | L2HGA; C14orf160                                  |
| NCBI Protein Information         | L-2-hydroxyglutarate dehydrogenase, mitochondrial |
| UniProt Protein Name             | L-2-hydroxyglutarate dehydrogenase, mitochondrial |
| UniProt Gene Name                | L2HGDH                                            |
| UniProt Synonym Gene Names       | C14orf160                                         |
| UniProt Entry Name               | L2HDH_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/l2hgdh-antibody-immunohistochemistry-western-blot-elisa/280336>