

A15192

Leader in Biomolecular Solutions for Life Science



## L2HGDH Rabbit pAb

Catalog No.: A15192

### Basic Information

**Observed MW**

50kDa

**Calculated MW**

50kDa

**Category**

Polyclonal Antibody

**Applications**

WB,IF/ICC,ELISA

**Cross-Reactivity**

Human,Mouse

### Background

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 cognitive disability.

### Recommended Dilutions

**WB** 1:500 - 1:2000

**IF/ICC** 1:50 - 1:200

### Immunogen Information

**Gene ID**

79944

**Swiss Prot**

Q9H9P8

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human L2HGDH (NP\_079160.1).

**Synonyms**

L2HGA; C14orf160; L2HGDH

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

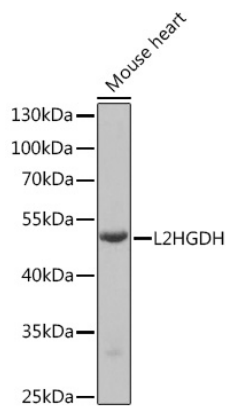
Affinity purification

**Storage**

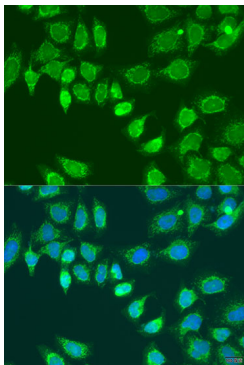
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of extracts of Mouse heart, using L2HGDH Rabbit pAb (A15192) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunofluorescence analysis of U2OS cells using L2HGDH antibody (A15192) at dilution of 1:100. Blue: DAPI for nuclear staining.