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## anti-L2HGDH antibody (AA 132-159)





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Overview		
Quantity:	400 μL	
Target:	L2HGDH	
Binding Specificity:	AA 132-159	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This L2HGDH antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This L2HGDH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 132-159 amino acids from the Central region of human L2HGDH.	
Clone:	RB27534	
Isotype:	lg Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	L2HGDH	
Alternative Name:	L2HGDH (L2HGDH Products)	
Background:	This gene encodes L-2-hydroxyglutarate dehydrogenase, a FAD-dependent enzyme that	

#### **Target Details**

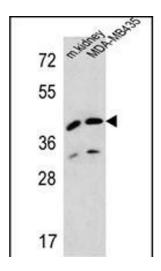
	oxidizes L-2-hydroxyglutarate to alpha-ketoglutarate in a variety of mammalian tissues.  Mutations in this gene cause L-2-hydroxyglutaric aciduria, a rare autosomal recessive neurometabolic disorder resulting in moderate to severe mental retardation.
Molecular Weight:	50316
Gene ID:	79944
NCBI Accession:	NP_079160
UniProt:	Q9H9P8

### Application Details

Application Notes:	WB: 1:1000		
Restrictions:	For Research Use only		

### Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in smal aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	



#### **Western Blotting**

**Image 1.** L2HGDH Antibody (Center) (ABIN654213 and ABIN2844053) western blot analysis in MDA-M cell line and mouse kidney tissue lysates (35  $\mu$ g/lane).This demonstrates the L2HGDH antibody detected the L2HGDH protein (arrow).