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**Product Name: Lipoamide Dehydrogenase Rabbit Monoclonal Antibody****Catalog #: AMRe87348**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,IHC 1:100-1:200
<b>Molecular Weight</b>	Calculated MW:54 kDa; Observed MW:54 kDa

**Antigen Information**

<b>Gene Name</b>	Lipoamide Dehydrogenase
<b>Alternative Names</b>	E3; LAD; DLDD; DLDH; GCSL; PHE3; OGDC-E3
<b>Gene ID</b>	1738
<b>SwissProt ID</b>	P09622
<b>Immunogen</b>	A synthetic peptide of human Lipoamide Dehydrogenase

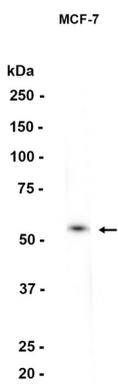
**Background**

This gene encodes a member of the class-I pyridine nucleotide-disulfide oxidoreductase family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. In homodimeric form, the

encoded protein functions as a dehydrogenase and is found in several multi-enzyme complexes that regulate energy metabolism. However, as a monomer, this protein can function as a protease. Mutations in this gene have been identified in patients with E3-deficient maple syrup urine disease and lipoamide dehydrogenase deficiency. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

## Research Area

## Image Data



Western blot analysis of extracts from MCF-7 cells using Lipoamide Dehydrogenase Rabbit Monoclonal Antibody at 1:1000.