

Product Name: Lipoamide Dehydrogenase Rabbit Monoclonal Antibody**Catalog #: AMRe01457**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.53mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 54 kDa; Observed MW: 54 kDa

Antigen Information

Gene Name	DLD
Alternative Names	Diaphorase; Dihydrolipoamide dehydrogenase; DLDD; DLDH; GCSL; LAD; lipoamide dehydrogenase; Lipoamide reductase; Lipoyl dehydrogenase; PHE3
Gene ID	1738
SwissProt ID	P09622
Immunogen	A synthetic peptide of human Lipoamide Dehydrogenase

Background

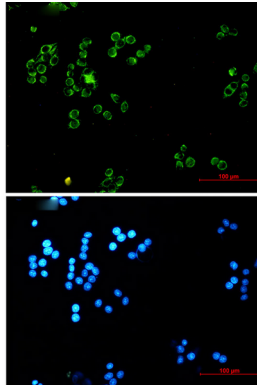
Lipoamide dehydrogenase is a component of the glycine cleavage system as well as of the alpha-ketoacid dehydrogenase

complexes. Involved in the hyperactivation of spermatazoa during capacitation and in the spermatazoal acrosome reaction.

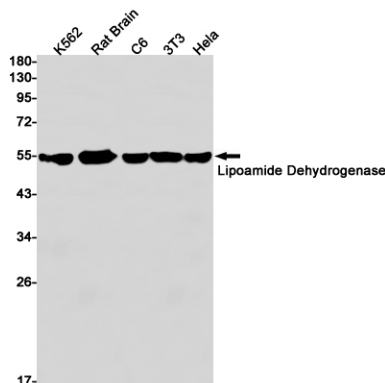
Research Area

Signal Transduction

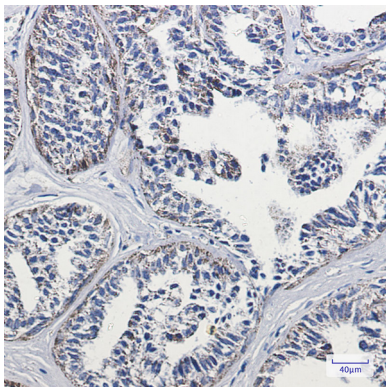
Image Data



Immunocytochemistry analysis of Lipoamide Dehydrogenase (green) in HeLa using Lipoamide Dehydrogenase antibody, and DAPI (blue).



Western blot analysis of Lipoamide Dehydrogenase in K562, rat Brain, C6, 3T3, HeLa lysates using Lipoamide Dehydrogenase antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using Lipoamide Dehydrogenase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.