DLD Antibody

PACO55462

Product Information

Size:

50ug

Reactivity:

Human, Rat, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000, IHC:1:20-1:200

Protein Background:

Lipoamide dehydrogenase is a component of the glycine cleavage system as well as an E3 component of three alpha-ketoacid, dehydrogenase complexes (pyruvate-, alpha-ketoglutarate-, and branched-chain amino acid, dehydrogenase complex). In monomeric form has additional moonlighting function as serine protease. Involved in the hyperactivation of spermatazoa during capacitation and in the spermatazoal acrosome reaction.

Gene ID:

DLD

Uniprot

P09622

Synonyms:

Dihydrolipoyl dehydrogenase, mitochondrial (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein), DLD, GCSL LAD PHE3

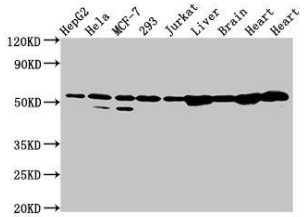
Immunogen:

Recombinant Human Dihydrolipoyl dehydrogenase, mitochondrial protein (398-495AA).

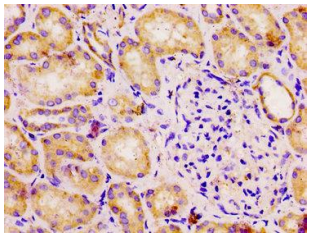
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images



Western Blot. Positive WB detected in: HepG2 whole cell lysate, Hela whole cell lysate, MCF-7 whole cell lysate, 293 whole cell lysate, Jurkat whole cell lysate, Rat liver tissue, Rat brain tissue, Rat heart tissue, Mouse heart tissue. All lanes: DLD antibody at 2µg/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 55, 44, 50 kDa. Observed band size: 55 kDa.



IHC image of PACO55462 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

