

## DLD

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:** 54kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human DLD

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

E3; LAD; DLDD; DLDH; GCSL; PHE3

**Catalog #:** A5403

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 1738

**Isotype:** IgG

**Swiss Prot:** P09622

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes the L protein of the mitochondrial glycine cleavage system. The L protein, also named dihydrolipoamide dehydrogenase, is also a component of the pyruvate dehydrogenase complex, the alpha-ketoglutarate dehydrogenase complex, and the branched-chain alpha-keto acide dehydrogenase complex. Mutations in this gene have been identified in patients with E3-deficient maple syrup urine disease and lipoamide dehydrogenase deficiency.

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