

CAB5403

Product Information

Product SKU: CAB5403	Gene ID: 1738	Size: 20uL, 100uL
Clone No: -	Host Species: Rabbit	Reactivity: Human, Mouse

Additional Information

Observed MW: 55kDa	Conjugate: Unconjugated
Calculated MW: 54kDa	Isotype: IgG

Immunogen Information

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.

Recommended Dilution: WB, 1:500 - 1:2000 IHC-P, 1:100 - 1:500

Synonyms: E3; LAD; DLDD; DLDH; GCSL; PHE3; OGDC-E3; DLDH/DLD

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 36-300 of human DLDH/DLDH/DLDH/DLD (NP_000099.2).

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