

US Biological (antibodypab)

84-1663-66 [取扱停止] PDHA1, ID (PDHA1, PHE1A, Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial, PDHE1-A type I) (APC) 200ul 039829-APC



アズワン品番 84-1663-66

型番 039829-APC

入り数 1個

標準価格 -円

取扱停止



特徴

The pyruvate dehydrogenase (PDH) complex is a nuclear-encoded mitochondrial multi enzyme complex that catalyzes the overall conversion of pyruvate to acetyl-CoA and CO₂, and provides the primary link between glycolysis and the tricarboxylic acid (TCA) cycle.

The PDH complex is composed of multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3).

The E1 enzyme is a heterotetramer of two alpha and two beta subunits.

This gene encodes the E1 alpha 1 subunit containing the E1 active site, and plays a key role in the function of the PDH complex.

Mutations in this gene are associated with pyruvate dehydrogenase E1-alpha deficiency and X-linked Leigh syndrome.

Applications: Suitable for use in Western Blot, FLISA

Recommended Dilution: FLISA: 1:1,000 Western Blot: 1:100-500

Storage and Stability: Store product at 4°C in the dark.

DO NOT FREEZE! Stable at 4°C for 12 months after receipt as an undiluted liquid.

Dilute required amount only prior to immediate use.

Further dilutions can be made in assay buffer.

Caution: APC conjugates are sensitive to light.

For maximum recovery of product, centrifuge the original vial prior to removing the cap.

Note: Applications are based on unconjugated antibody.

仕様

Size: 200ul

Host: rabbit

Source Antibody: human

Grade: Affinity Purified

Purity: Purified by Protein A affinity chromatography.

Form: Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide and a stabilizer. Labeled with Allophycocyanin (APC).

Specificity: Human

Isotype: IgG

Calc Applications Abbrev: FLISA WB

Calc Crossreactivity: Hu

Immunogen: PDHA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 233~263 amino acids from the Central region of human PDHA1.

Shelf Life: 6 months

Swiss Prot Number: P08559

EU Commodity Code: 30021010

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