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Recombinant PDHA1 Monoclonal Antibody

catalog number: AN301808L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Rat; Mouse

Immunogen Recombinant human PDHA1 fragment

 Host
 Rabbit

 Isotype
 IgG, κ

 Clone
 A520

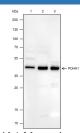
Purification Protein A purified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:500-1:1000

Data



Western Blot with PDHA1 Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: Mouse kidney, Lane 3: Rat kidney

Observed-MW:43 kDa Calculated-MW:43 kDa

Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

PDHA1, also named as PHE1A, is one of the 3 enzymes of the pyruvate dehydrogenase complex. It is a nuclear-encoded mitochondrial matrix multienzyme complex that provides the primary link between glycolysis and the tricarboxylic acid (TCA) cycle by catalyzing the irreversible conversion of pyruvate into acetyl-CoA. Defects in PDHA1 are a cause of pyruvate dehydrogenase E1-alpha deficiency (PDHAD) and X-linked Leigh syndrome (X-LS).

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