

Recombinant PDHA1 Monoclonal Antibody

catalog number: **AN301808L**

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

Description

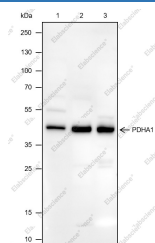
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human PDHA1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C131430
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

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	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- α deficiency (PDHAD) and X-linked Leigh syndrome (X-LS).

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.2