PDHA1 Polyclonal Antibody

Catalog No. E-AB-52930

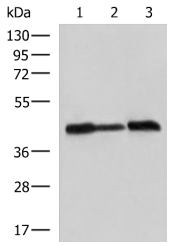
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein of human PDHA1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4

Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:50-1:300

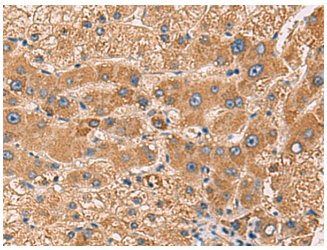
Data



Western blot analysis of A549 Hela and HepG2 cell lysates using PDHA1 Polyclonal Antibody at dilution of 1:750

Observed Mw:Refer to figures

Calculated Mw:43 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using PDHA1 Polyclonal Antibody at dilution of 1:50(×200)

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

PDHA1(Pyruvate dehydrogenase E1 component subunit alpha,somatic form,mitochondrial) is also named as PHE1A.It is one of the 3 enzymes of the pyruvate dehydrogenase complex which 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.It has 4 isoforms produced by alternative splicing.Defects in PDHA1 are a cause of pyruvate dehydrogenase E1-alpha deficiency (PDHAD) and X-linked Leigh syndrome (X-LS).

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