

A90776Hu01

Polyclonal Antibody to Pyruvate Dehydrogenase Alpha (PDHa)

Organism: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

6th Edition (Revised in March, 2013)

[PRODUCT INFORMATION]

Immunogen: PDHa, Human

Clonality: Polyclonal

Host: Rabbit

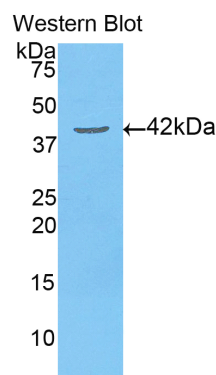
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant PDHa, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant PDHa (Phe30~Ser390) expressed in *E. coli*.

USCN Accession No.: P90776Hu01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHSQSEF- F ANDATFEIKK CDLHRLEEGP PVTTVLTRED GLKYRMMQT
VRRMELKADQ LYKQKIIRGF CHLCDGQEAC CVGLEAGINP TDHLITAYRA HGFTFTRGLS
VREILAELTG RKGCAKGGK GSMHMYAKNF YGGNGIVGAQ VPLGAGIALA CKYNGKDEV
LTLYGDGAAN QGQIFEAYNM AALWKLPCIF ICENNRYGMG TSVERAAAST DYYKRGDFIP
GLRVDGMDIL CVREATRFAA AYCRSGKGPI LMEIQTTRYH GHSMSPGVYS YRTREEIQEV
RSKSDPIMLL KDRMVNSNLA SVEELKEIDV EVRKEIEDAA QFATADPEPP LEELGYHIYS
SDPPFEVRGA NQWIKFKSVS

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[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against PDHa. It has been selected for its ability to recognize PDHa in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant PDHa (Phe30~Ser390) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

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