

PDHA1 / PDH E1 Alpha Antibody (aa39-325)
Rabbit Polyclonal Antibody
Catalog # ALS16882**Specification**

PDHA1 / PDH E1 Alpha Antibody (aa39-325) - Product Information

Application	IHC, ICC, WB
Primary Accession	P08559
Other Accession	5160
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43296

PDHA1 / PDH E1 Alpha Antibody (aa39-325) - Additional Information**Gene ID** 5160**Other Names**

PDHA1, PDHCE1A, PDHA, PHE1A, PDHE1-A type I

Target/Specificity

Human PDHA1

Reconstitution & Storage

0.1 M Tris-glycine, pH 7.0, 10% glycerol, 0.01% Thimerosal. Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions

PDHA1 / PDH E1 Alpha Antibody (aa39-325) is for research use only and not for use in diagnostic or therapeutic procedures.

PDHA1 / PDH E1 Alpha Antibody (aa39-325) - Protein Information**Name** PDHA1**Synonyms** PHE1A**Function**

The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2), and thereby links the glycolytic pathway to the tricarboxylic cycle.

Cellular Location

Mitochondrion matrix.

Tissue Location

Ubiquitous.

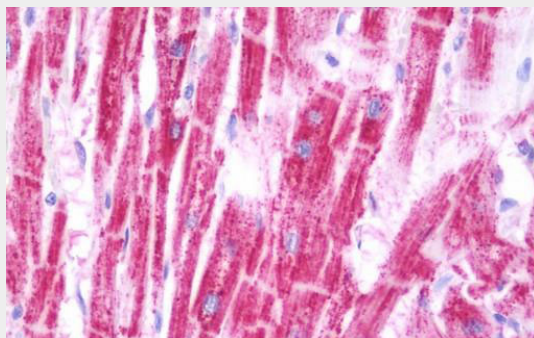
Volume
50 µl

PDHA1 / PDH E1 Alpha Antibody (aa39-325) - Protocols

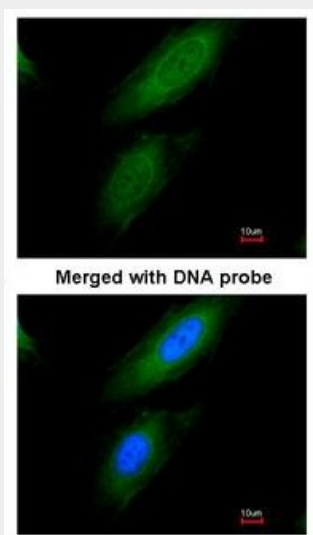
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

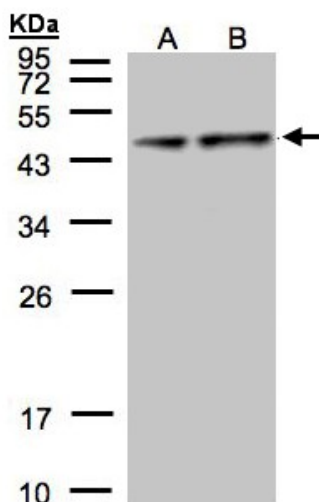
PDHA1 / PDH E1 Alpha Antibody (aa39-325) - Images



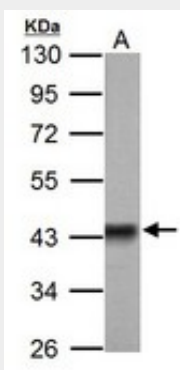
Anti-PDHA1 / PDH E1 Alpha antibody IHC staining of human heart.



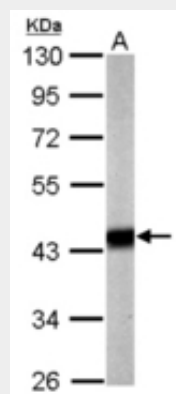
Immunofluorescence of paraformaldehyde-fixed HeLa using Pyruvate Dehydrogenase E1 alpha antibody...



Sample (30 ug of whole cell lysate).



Sample (50 ug of whole cell lysate). A: Rat brain. 10% SDS PAGE. PDHA1 antibody diluted at 1:3000.



Sample (20 ug of whole cell lysate). A: mouse brain. 10% SDS PAGE. PDHA1 antibody diluted at 1:5000.

PDHA1 / PDH E1 Alpha Antibody (aa39-325) - Background

The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO₂, and thereby links the glycolytic pathway to the tricarboxylic cycle.

PDHA1 / PDH E1 Alpha Antibody (aa39-325) - References

Koike K.,et al.Gene 93:307-311(1990).
Ho L.,et al.Proc. Natl. Acad. Sci. U.S.A. 86:5330-5334(1989).
Huh T.L.,et al.Submitted (APR-1990) to the EMBL/GenBank/DDBJ databases.
Dahl H.-H.M.,et al.J. Biol. Chem. 262:7398-7403(1987).
Maragos C.,et al.J. Biol. Chem. 264:12294-12298(1989).