

Anti-PDHA1/Pdh E1Alpha Antibody

Catalog Number: A01906

About PDHA1

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.

Song B.J., Submitted (APR-1990).

Bentley D.R., Nature 434:325-337(2005).

Comb M.J., Cell 131:1190-1203(2007).

Overview

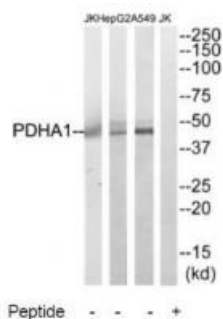
Product Name	Anti-PDHA1/Pdh E1Alpha Antibody
Reactive Species	Human
Description	Boster Bio Anti-PDHA1/Pdh E1Alpha Antibody (Catalog # A01906). Tested in WB, IHC applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P08559

Technical Details

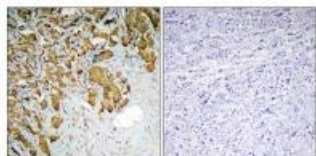
Immunogen	Synthesized peptide derived from internal of human PDHA1.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blotting: 1:500~1:3000</p> <p>Immunohistochemistry: 1:50~1:100</p>

Anti-PDHA1/Pdh E1Alpha Antibody (A01906) Images



Western blot analysis of extracts from A549, HepG2 and Jurkat cells, using PDHA1 antibody A01906.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using PDHA1 antibody A01906.

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