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ALDH1L2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11288b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q3SY69
Other Accession	Q8K009, Q6GNL7, NP_001029345.1
Reactivity	Human, Rat, Mouse
Predicted	Xenopus, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28965
Calculated MW	101746
Antigen Region	743-772

Additional Information

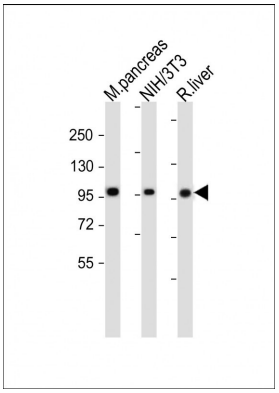
Gene ID	160428
Other Names	Mitochondrial 10-formyltetrahydrofolate dehydrogenase, Mitochondrial 10-FTHFDH, mtFDH, Aldehyde dehydrogenase family 1 member L2, ALDH1L2
Target/Specificity	This ALDH1L2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 743-772 amino acids from the C-terminal region of human ALDH1L2.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ALDH1L2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

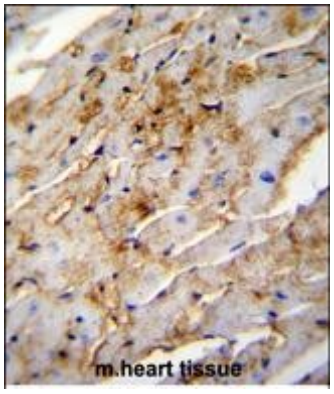
Name	ALDH1L2 {ECO:0000303|PubMed:21238436, ECO:0000312|HGNC:HGNC:26777}
Function	Mitochondrial 10-formyltetrahydrofolate dehydrogenase that catalyzes the

	NADP(+)-dependent conversion of 10-formyltetrahydrofolate to tetrahydrofolate and carbon dioxide.
Cellular Location	Mitochondrion.
Tissue Location	Highly expressed in pancreas, heart, brain and skeletal muscle.

Images



All lanes : Anti-ALDH1L2 Antibody (C-term) at 1:2000 dilution Lane 1: Mouse pancreas whole cell lysate Lane 2: NIH/3T3 whole cell lysate Lane 3: Rat liver whole lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 102 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



ALDH1L2 Antibody (C-term) (Cat. #AP11288b)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ALDH1L2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.