

anti- ALDH4A1 antibody

Product Information

Catalog No.:	FNab00296
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

This protein belongs to the aldehyde dehydrogenase family of proteins. This enzyme is a mitochondrial matrix NAD-dependent dehydrogenase which catalyzes the second step of the proline degradation pathway, converting pyrroline-5-carboxylate to glutamate. Deficiency of this enzyme is associated with type II hyperprolinemia, an autosomal recessive disorder characterized by accumulation of delta-1-pyrroline-5-carboxylate (P5C) and proline. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.

Immunogen information

Immunogen:	aldehyde dehydrogenase 4 family, member A1
Synonyms:	ALDH4, ALDH4A1, P5C dehydrogenase, P5CD, P5CDh, P5CDhL, P5CDhS
Observed MW:	61 kDa
Uniprot ID :	P30038

Application

Reactivity:	Human, Mouse
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Wuhan Fine Biotech Co., Ltd.

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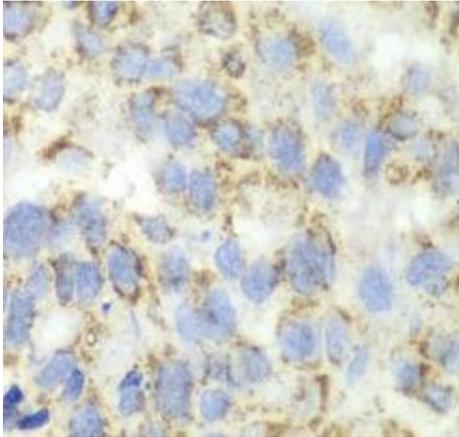
Fax: (0086)027-87800889

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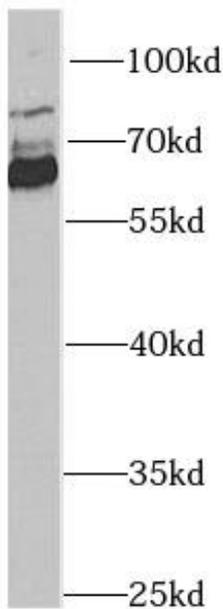
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human esophageal cancer using FNab00296(ALDH4A1 antibody) at dilution of 1:100



human heart tissue were subjected to SDS PAGE followed by western blot with FNab00296(ALDH4A1 antibody) at dilution of 1:1000

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