

For Research Use Only

ALDH3B2 Polyclonal antibody

Catalog Number: 15746-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

15746-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 327 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8197

GenBank Accession Number:

BC007685

GeneID (NCBI):

222

UNIPROT ID:

P48448

Full Name:

aldehyde dehydrogenase 3 family, member B2

Calculated MW:

395 aa, 43 kDa

Observed MW:

43 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse lung tissue, BxPC-3 cells, HepG2 cells

IHC : human adrenal gland tissue,

IF/ICC : HeLa cells,

Background Information

ALDH3B2(aldehyde dehydrogenase family 3 member B2) is also named as ALDH8(aldehyde dehydrogenase 8) and belongs to the aldehyde dehydrogenase family. The ALDH3B2 gene contains an in-frame stop codon at the seventeenth codon position from the first methionine, suggesting that ALDH3B2 may be a pseudogene(PMID:15237855) and encodes the human salivary gland and placental ALDH(PMID: 22206977). This protein shares 83% sequence identity with ALDH3B1(PMID:18611112).

Notable Publications

Author	Pubmed ID	Journal	Application
Yue Wang	34907179	Cell Death Dis	WB,IHC
Rafael Jiménez	39519068	Int J Mol Sci	WB
	38769389		WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

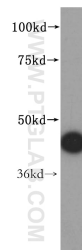
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

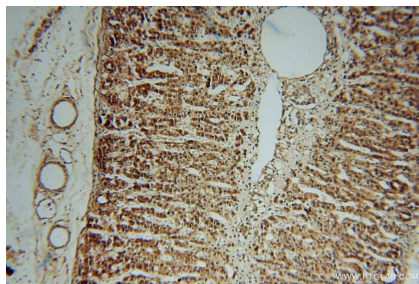
E: proteintech@ptglab.com
W: ptglab.com

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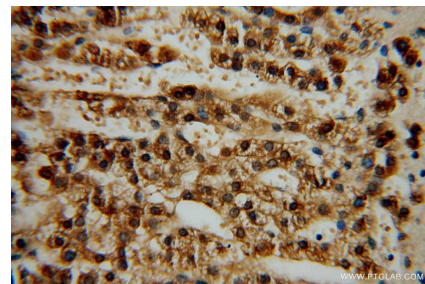
Selected Validation Data



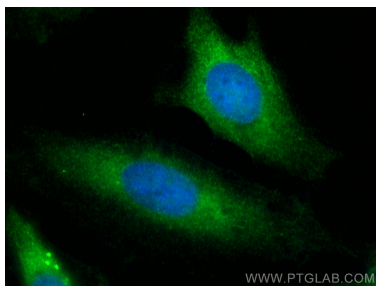
mouse lung tissue were subjected to SDS PAGE followed by western blot with 15746-1-AP (ALDH3B2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human adrenal gland using 15746-1-AP (ALDH3B2 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human adrenal gland using 15746-1-AP (ALDH3B2 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using ALDH3B2 antibody (15746-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).