

For Research Use Only

ALDH9A1 Polyclonal antibody

Catalog Number: 26621-1-AP

2 Publications



Basic Information

Catalog Number: 26621-1-AP	GenBank Accession Number: BC151140	Purification Method: Antigen affinity purification
Size: 650 ug/ml	GeneID (NCBI): 223	Recommended Dilutions: WB 1:500-1:2000 IHC 1:100-1:400 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: P49189	
Isotype: IgG	Full Name: aldehyde dehydrogenase 9 family, member A1	
Immunogen Catalog Number: AG24312	Calculated MW: 518 aa, 56 kDa	
	Observed MW: 46 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : NIH/3T3 cells, HEK-293 cells
Cited Applications: WB	IHC : human liver cancer tissue, human kidney tissue
Species Specificity: human, mouse	IF/ICC : HeLa cells,
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

Background Information

Aldehyde dehydrogenase 9 family member A1(ALDH9A1), belongs to the aldehyde dehydrogenase family of proteins. ALDH9A1 has a high activity for oxidation of gamma-aminobutyraldehyde and other amino aldehydes. ALDH9A1 catalyzes the dehydrogenation of gamma-aminobutyraldehyde to gamma-aminobutyric acid. ALDH9A1 has 3 isoforms with the molecular mass of 46-56 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Marine C N M Blackman	36139533	Cancers (Basel)	WB
Henrick Horita	29786648	Proteomes	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

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

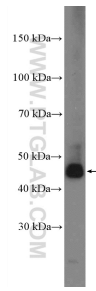
T: 4006900926

E: Proteintech-CN@ptglab.com

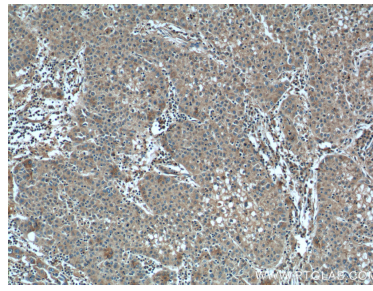
W: ptgcn.com

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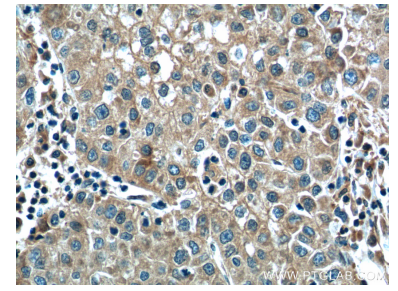
Selected Validation Data



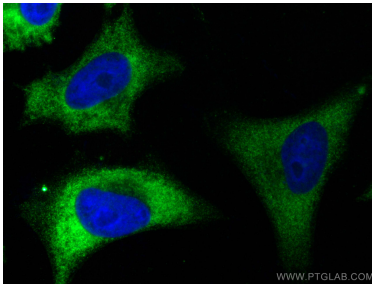
NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 26621-1-AP (ALDH9A1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 26621-1-AP (ALDH9A1 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 26621-1-AP (ALDH9A1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using ALDH9A1 antibody (26621-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).