

ALDH1A1 Rabbit pAb

CatalogNo: YT5157

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat,Mouse,

Applications

- WB,IHC,IF,ELISA

MW

- 55kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC: 1:100-300

ELISA 1:20000

IF 1:50-200

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from the N-terminal region of human ALDH1A1. AA range:21-70

Specificity ALDH1A1 Polyclonal Antibody detects endogenous levels of ALDH1A1 protein.

Target Information

Gene name	ALDH1A1		
Protein Name	Retinal dehydrogenase 1		
	Organism	Gene ID	UniProt ID
	Human	216;	P00352;
	Mouse		P24549;
Cellular Localization	Cytoplasm, cytosol . Cell projection, axon .		
Tissue specificity	Expressed by erythrocytes (at protein level).		
Function	Catalytic activity:Retinal + NAD(+) + H(2)O = retinoate + NADH.,Function:Binds free retinal and cellular retinol-binding protein-bound retinal. Can convert/oxidize retinaldehyde to retinoic acid.,pathway:Cofactor metabolism; retinol metabolism.,similarity:Belongs to the aldehyde dehydrogenase family.,subunit:Homotetramer.,		

| Validation Data

| Contact information

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**ALDH1A1 Rabbit
 pAb**