antibodies -online.com







Images



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Quantity:	60 μL	
Target:	ALDH3A1	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ALDH3A1 antibody is un-conjugated	
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)	

Product Details

Immunogen:	Recombinant fusion protein of human ALDH3A1 (NP_001128640.1).	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

Target Details

Target:	ALDH3A1	
Alternative Name:	ALDH3A1 (ALDH3A1 Products)	
Background:	Aldehyde dehydrogenases oxidize various aldehydes to the corresponding acids. They are involved in the detoxification of alcohol-derived acetaldehyde and in the metabolism of corticosteroids, biogenic amines, neurotransmitters, and lipid peroxidation. The enzyme	
	encoded by this gene forms a cytoplasmic homodimer that preferentially oxidizes aromatic and	

Target Details

medium-chain (6 carbons or more) saturated and unsaturated aldehyde substrates. It is thought to promote resistance to UV and 4-hydroxy-2-nonenal-induced oxidative damage in the cornea. The gene is located within the Smith-Magenis syndrome region on chromosome 17. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Application Details

P30838

For Research Use only

Application Notes: IHC 1:50-1:200 IF 1:50-1:200

Handling

Restrictions:

Gene ID:

UniProt:

Format:

Liquid

Concentration:

1 mg/mL

Buffer:

PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative:

Sodium azide

Precaution of Use:

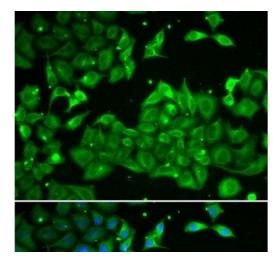
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage:

-20 °C

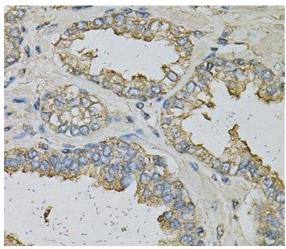
Storage Comment:

Store at -20°C. Avoid freeze / thaw cycles.



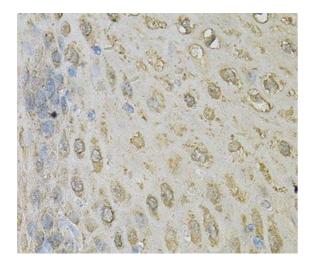
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using ALDH3A1 Polyclonal Antibody



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human prostate using ALDH3A1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human esophagus using ALDH3A1 Polyclonal Antibody at dilution of 1:100 (40x lens).