

Datasheet for ABIN659009
anti-ALDH3A2 antibody[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mL
Target:	ALDH3A2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ALDH3A2 antibody is generated from mouse immunized with ALDH3A2 recombinant protein.
Clone:	151CT1-3-1
Isotype:	IgG1, Ig kappa
Purification:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Target Details

Target:	ALDH3A2
Alternative Name:	ALDH3A2 (ALDH3A2 Products)
Background:	Aldehyde dehydrogenase isozymes are thought to play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. This gene product catalyzes the oxidation of long-chain aliphatic aldehydes to fatty acid. Mutations in the gene cause Sjogren-Larsson syndrome. Alternatively spliced transcript variants encoding different isoforms

Target Details

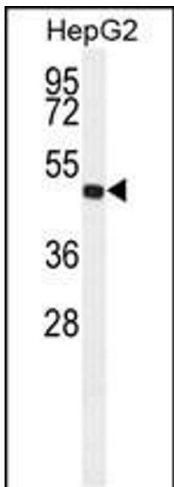
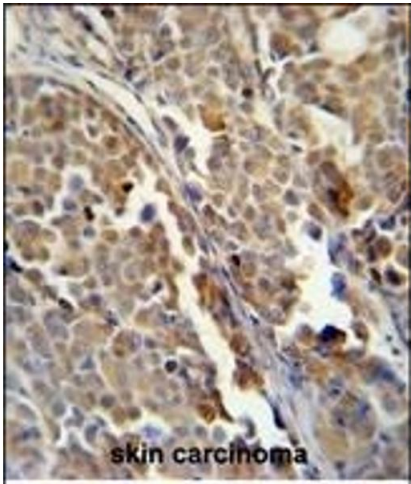
	have been found for this gene.
Molecular Weight:	54848
Gene ID:	224
NCBI Accession:	NP_000373 , NP_001026976
UniProt:	P51648

Application Details

Application Notes:	WB: 1:200~10000. IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Mouse monoclonal antibody supplied in crude ascites with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. ALDH3A2 Monoclonal Antibody (Ascites) ABIN659009 immunohistochemistry analysis in formalin fixed and paraffin embedded human skin carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ALDH3A2 Monoclonal Antibody (Ascites) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of ALDH3A2 Antibody ABIN659009 in HepG2 cell line lysates (35 μ g/lane).ALDH3A2 (arrow) was detected using the purified Mab.(1:2000)