

## ARG54086 anti-ALDH3A2 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody recognizes ALDH3A2
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Target Name	ALDH3A2
Species	Human
Immunogen	Purified recombinant human Aldehyde dehydrogenase 10 protein fragments expressed in E.coli.
Conjugation	Un-conjugated
Alternate Names	EC 1.2.1.3; Aldehyde dehydrogenase family 3 member A2; ALDH10; SLS; Microsomal aldehyde dehydrogenase; Aldehyde dehydrogenase 10; Fatty aldehyde dehydrogenase; FALDH

### Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	55 kDa	

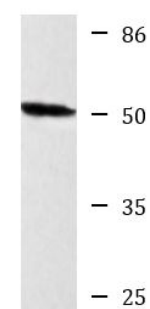
### Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.1M Tris-Glycine (pH 7.4), 150 mM NaCl, 0.2% Sodium azide and 50% Glycerol
Preservative	0.2% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links	<a href="#">GeneID: 224 Human</a> <a href="#">Swiss-port # P51648 Human</a>
Gene Symbol	ALDH3A2
Gene Full Name	aldehyde dehydrogenase 3 family, member A2
Background	Catalyzes the oxidation of long-chain aliphatic aldehydes to fatty acids. Active on a variety of saturated and unsaturated aliphatic aldehydes between 6 and 24 carbons in length.
Function	Catalyzes the oxidation of long-chain aliphatic aldehydes to fatty acids. Active on a variety of saturated and unsaturated aliphatic aldehydes between 6 and 24 carbons in length. Responsible for conversion of the sphingosine 1-phosphate (S1P) degradation product hexadecenal to hexadecenoic acid. [UniProt]
Research Area	Cell Biology and Cellular Response antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	55 kDa
Cellular Localization	Endoplasmic reticulum membrane; Single-pass membrane protein; Cytoplasmic side.

## Images



A549

ARG54086 anti-ALDH3A2 antibody WB image

Western blot: A549 cell lysate stained with ARG54086 anti-ALDH3A2 antibody at 1:1000 dilution.