

## ARG65265 anti-ALDH3A2 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes ALDH3A2
Tested Reactivity	Hu, Rat
Predict Reactivity	Ms
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize both reported isoforms (NP_001026976.1; NP_000373.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ALDH3A2
Immunogen	C-KGLKGESVNLRY
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
	IHC-P	5 µg/ml
	WB	0.03 - 0.1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 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 or below. 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.

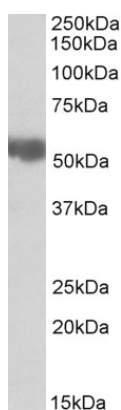
#### Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

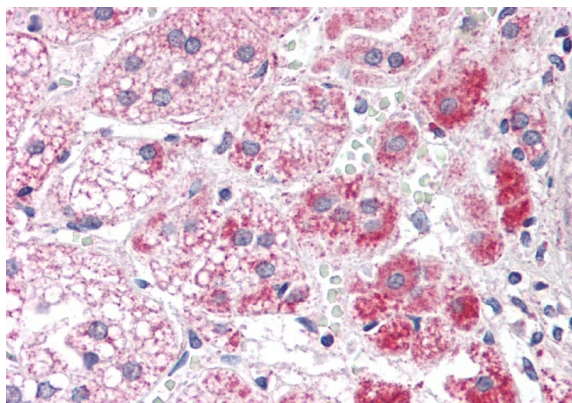
Database links	<a href="#">GeneID: 224 Human</a> <a href="#">GeneID: 65183 Rat</a> <a href="#">Swiss-port # P30839 Rat</a> <a href="#">Swiss-port # P51648 Human</a>
Gene Symbol	Aldh3a2
Gene Full Name	aldehyde dehydrogenase family 3, subfamily A2
Background	Aldehyde dehydrogenase isozymes are thought 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 have been found for this gene. [provided by RefSeq, Jul 2008]
Function	Catalyzes the oxidation of long-chain aliphatic aldehydes to fatty acids. Responsible for conversion of the sphingosine 1-phosphate (S1P) degradation product hexadecenal to hexadecenoic acid (By similarity). [UniProt]
Research Area	Cell Biology and Cellular Response antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	55 kDa

## Images



ARG65265 anti-ALDH3A2 antibody WB image

Western Blot: Rat Liver lysate (35 µg protein in RIPA buffer) stained with ARG65265 anti-ALDH3A2 antibody at 0.03 µg/ml dilution.



#### ARG65265 anti-ALDH3A2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human adrenal gland tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG65265 anti-ALDH3A2 antibody at 5 µg/ml dilution followed by AP-staining.