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Datasheet for ABIN5009561
anti-ALDH1A2 antibody (AA 441-518) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	ALDH1A2
Binding Specificity:	AA 441-518
Reactivity:	Mouse, Rat, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH1A2 antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RALDH2
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat, Zebrafish (Danio rerio)
Predicted Reactivity:	Human,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ALDH1A2
Alternative Name:	RALDH2 (ALDH1A2 Products)

Target Details

Background:	Synonyms: RALDH2, RALDH2-T, RALDH(II), Retinal dehydrogenase 2, RALDH 2, Aldehyde dehydrogenase family 1 member A2, Retinaldehyde-specific dehydrogenase type 2, ALDH1A2 Background: Recognizes as substrates free retinal and cellular retinol-binding protein-bound retinal. Does metabolize octanal and decanal but does not metabolize citral, benzaldehyde, acetaldehyde and propanal efficiently (By similarity).
Gene ID:	8854
UniProt:	O94788
Pathways:	Retinoic Acid Receptor Signaling Pathway

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months