

Datasheet for ABIN2738238
anti-ALDH2 antibody (AA 52-81)



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1 Image

Overview

Quantity:	200 µL
Target:	ALDH2
Binding Specificity:	AA 52-81
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Specificity:	This ALDH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 52-81 amino acids from the N-terminal region of human ALDH2.
Purification:	Protein A purified

Target Details

Target:	ALDH2
Alternative Name:	ALDH2 (ALDH2 Products)
Background:	Name/Gene ID: ALDH2

Target Details

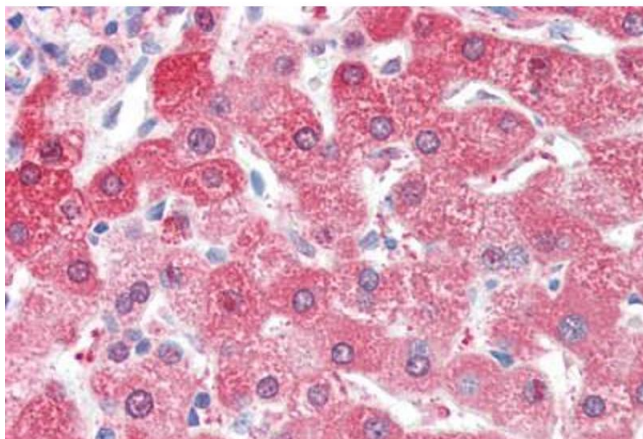
	Synonyms: ALDH2, Acetaldehyde dehydrogenase 2, ALDH-E2, ALDH class 2, ALDHI, ALDM, Liver mitochondrial ALDH
Gene ID:	217
UniProt:	P05091

Application Details

Application Notes:	Approved: Flo, IF (1:10 - 1:50), IHC, IHC-P (10 µg/mL), WB (1:1000) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 10 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 0.09 % 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.
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.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Liver (formalin-fixed, paraffin-embedded) stained with ALDH2 antibody ABIN462078 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.