Datasheet for ABIN2781793

anti-ALDH3A2 antibody (C-Term)

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Overview

Quantity:	100 µL
Target:	ALDH3A2
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Rabbit, Cow, Dog, Guinea Pig, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH3A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ALDH3A2
Sequence:	FINEREKPLA LYVFSHNHKL IKRMIDETSS GGVTGNDVIM HFTLNSFPFG
Predicted Reactivity:	Cow: 93%, Dog: 92%, Guinea Pig: 92%, Horse: 92%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ALDH3A2. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	ALDH3A2

Target Details

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. ALDH3A2 catalyzes the oxidation of long-chain aliphatic aldehydes to fatty acid.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. Alias Symbols: ALDH10, DKFZp686E23276, FALDH, SLS Protein Interaction Partner: HUWE1, UBC, PPP6R1, PPP6R2, EGFR, LMNA, MMS19, UBD, CAND1, CUL3, NELFB, Mad2l2, Stag2, MME, USP50, Protein Size: 485
Molecular Weight:	53 kDa
Gene ID:	224
NCBI Accession:	NM_000382, NP_000373
UniProt:	Q60HH8

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 485 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 repeated freeze-thaw cycles.

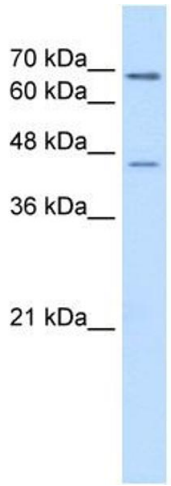
Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

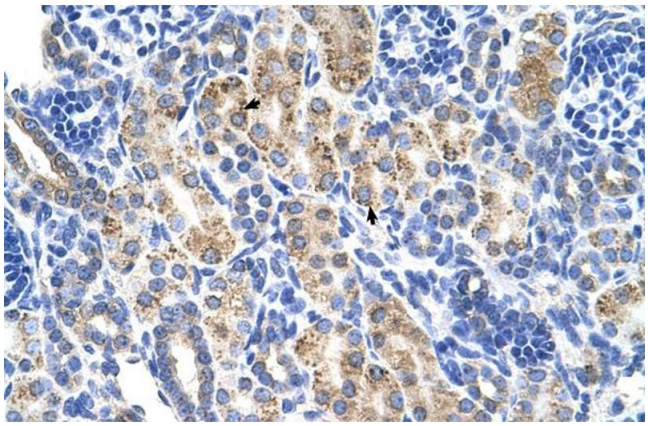
Product cited in:	Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-ALDH3A2 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



Immunohistochemistry

Image 2. Human kidney