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Datasheet for ABIN7466186
anti-ALDH1A3 antibody

Overview

Quantity:	100 µL
Target:	ALDH1A3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ALDH1A3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ALDH1A3. The exact sequence is proprietary.
Clone:	GT926
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Affinity purified by Protein G.

Target Details

Target:	ALDH1A3
Alternative Name:	aldehyde dehydrogenase 1 family member A3 (ALDH1A3 Products)

Target Details

Background:	Aldehyde dehydrogenase 1 family member A3 , ALDH1A6 , ALDH6 , MCOP8 , RALDH3,Aldehyde dehydrogenase isozymes are thought to play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. The enzyme encoded by this gene uses retinal as a substrate, either in a free or cellular retinol-binding protein form. [provided by RefSeq]
Molecular Weight:	56 kDa
Gene ID:	220
UniProt:	P47895
Pathways:	Retinoic Acid Receptor Signaling Pathway

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Huh-7 , U87-MG , SK-N-AS , A431
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.