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Datasheet for ABIN7143661

anti-ALDH1A3 antibody (AA 2-210) (Biotin)

Overview

Quantity:	100 µg
Target:	ALDH1A3
Binding Specificity:	AA 2-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH1A3 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Aldehyde dehydrogenase family 1 member A3 protein (2-210AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ALDH1A3
Alternative Name:	ALDH1A3 (ALDH1A3 Products)
Background:	Background: Recognizes as substrates free retinal and cellular retinol-binding protein-bound retinal. Seems to be the key enzyme in the formation of an RA gradient along the dorso-ventral

Target Details

axis during the early eye development and also in the development of the olfactory system (By similarity).

Aliases: Acetaldehyde dehydrogenase 6 antibody, AL1A3_HUMAN antibody, Aldehyde dehydrogenase 1A3 antibody, Aldehyde dehydrogenase 6 antibody, Aldehyde dehydrogenase family 1 member A3 antibody, Aldh1a3 antibody, ALDH1A6 antibody, ALDH6 antibody, RALDH 3 antibody, Retinaldehyde dehydrogenase 3 antibody, V1 antibody

UniProt: [P47895](#)

Pathways: [Retinoic Acid Receptor Signaling Pathway](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.