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Datasheet for ABIN7143839

anti-ALDH7A1 antibody (AA 386-515) (HRP)

Overview

Quantity:	100 µg
Target:	ALDH7A1
Binding Specificity:	AA 386-515
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH7A1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Alpha-aminoadipic semialdehyde dehydrogenase protein (386-515AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ALDH7A1
Alternative Name:	ALDH7A1 (ALDH7A1 Products)
Background:	Background: Multifunctional enzyme mediating important protective effects. Metabolizes betaine aldehyde to betaine, an important cellular osmolyte and methyl donor. Protects cells

Target Details

from oxidative stress by metabolizing a number of lipid peroxidation-derived aldehydes.

Involved in lysine catabolism.

Aliases: 26g turgor protein homolog antibody, AL7A1_HUMAN antibody, Aldehyde dehydrogenase 7 A1 antibody, Aldehyde dehydrogenase 7 family, member A1 antibody, Aldehyde dehydrogenase family 7 member A1 antibody, ALDH7A1 antibody, Alpha AASA dehydrogenase antibody, Alpha aminoadipic semialdehyde dehydrogenase antibody, Alpha-AASA dehydrogenase antibody, Alpha-aminoadipic semialdehyde dehydrogenase antibody, Antiquitin 1 antibody, Antiquitin antibody, Antiquitin-1 antibody, ATQ1 antibody, Betaine aldehyde dehydrogenase antibody, Delta1 piperideine 6 carboxylate dehydrogenase antibody, Delta1-piperideine-6-carboxylate dehydrogenase antibody, EPD antibody, P6c dehydrogenase antibody, PDE antibody

UniProt: [P49419](#)

Pathways: [Sensory Perception of Sound](#)

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.