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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ALDH3A1 (Human) Matched Antibody Pair

Catalog # : H00000218-AP11

規格 : [1 Set]

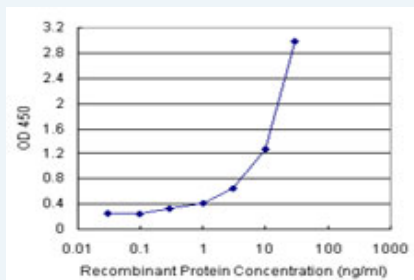
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Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human ALDH3A1.

Reactivity: Human

Quality Control Testing: Standard curve using recombinant protein (H00000218-P01) as an analyte.



Sandwich ELISA detection sensitivity ranging from 0.3 ng/ml to 100 ng/ml.

Supplied Product: Antibody pair set content:
 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-ALDH3A1 (100 ug)
 2. Detection antibody: mouse monoclonal anti-ALDH3A1, IgG1 Kappa (20 ug)
 *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS:  [Download](#)

Applications

ELISA Pair (Recombinant protein)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [218](#)

Gene Name: ALDH3A1

Gene Alias: ALDH3,ALDHIII,MGC10406

Gene Description: aldehyde dehydrogenase 3 family, memberA1

Omim ID: [100660](#)

Gene Ontology: [Hyperlink](#)

Application Image

ELISA Pair (Recombinant protein)

Gene Summary: Aldehyde dehydrogenases oxidize various aldehydes to the corresponding acids. They are involved in the detoxification of alcohol-derived acetaldehyde and in the metabolism of corticosteroids, biogenic amines, neurotransmitters, and lipid peroxidation. The enzyme encoded by this gene forms a cytoplasmic homodimer that preferentially oxidizes aromatic and medium-chain (6 carbons or more) saturated and unsaturated aldehyde substrates. It is thought to promote resistance to UV and 4-hydroxy-2-nonenal-induced oxidative damage in the cornea. The gene is located within the Smith-Magenis syndrome region on chromosome 17. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations: aldehyde dehydrogenase 3A1, aldehyde dehydrogenase isozyme 3, aldehyde dehydrogenase type III, aldehyde dehydrogenase, dimeric NADP-preferring, stomach aldehyde dehydrogenase

Gene Pathway

[Drug metabolism - cytochrome P450](#) [Glycolysis / Gluconeogenesis](#) [Histidine metabolism](#)
[Metabolic pathways](#) [Metabolism of xenobiotics by cytochrome P450](#)
[Phenylalanine metabolism](#) [Tyrosine metabolism](#)

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