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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ALDH5A1 (Human) IP-WB Antibody Pair

Catalog # : H00007915-PW1

規格 : [1 Set]

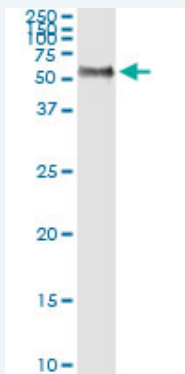
[List All](#)

Specification

Product Description: This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

Reactivity: Human

Quality Control Testing: Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of ALDH5A1 transfected lysate using rabbit polyclonal anti-ALDH5A1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-ALDH5A1.

Supplied Product: Antibody pair set content:
 1. Antibody pair for IP: rabbit polyclonal anti-ALDH5A1 (300 ul)
 2. Antibody pair for WB: mouse purified polyclonal anti-ALDH5A1 (50 ug)

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

Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Information

Entrez GeneID: [7915](#)

Gene Name: ALDH5A1

Gene Alias: SSADH,SSDH

Gene Description: aldehyde dehydrogenase 5 family, member A1

Omim ID: [271980](#), [610045](#)

Application Image

Immunoprecipitation-Western Blot

Gene Ontology: [Hyperlink](#)

Gene Summary: This protein belongs to the aldehyde dehydrogenase family of proteins. This gene encodes a mitochondrial NAD(+)-dependent succinic semialdehyde dehydrogenase. A deficiency of this enzyme, known as 4-hydroxybutyricaciduria, is a rare inborn error in the metabolism of the neurotransmitter 4-aminobutyric acid (GABA). In response to the defect, physiologic fluids from patients accumulate GHB, a compound with numerous neuromodulatory properties. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations: NAD(+)-dependent succinic semialdehyde dehydrogenase, OTTHUMP00000016088, aldehyde dehydrogenase 5A1, mitochondrial succinate semialdehyde dehydrogenase, succinate-semialdehyde dehydrogenase

Gene Pathway

[Alanine, aspartate and glutamate metabolism](#) [Butanoate metabolism](#) [Metabolic pathways](#)

Related Disease

[Cognition Disorders](#) [Epilepsy](#) [Epilepsy, Generalized](#) [Epilepsy, Reflex](#) [Genetic Predisposition to Disease](#) [Mental Disorders](#) [Schizophrenia](#) [Schizophrenia, Paranoid](#) [Seizures](#) [Syndrome](#) [Tobacco Use Disorder](#) [Wechsler Scales](#)

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