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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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IDH2 (Human) IP-WB Antibody Pair

Catalog # : H00003418-PW1

規格 : [1 Set]

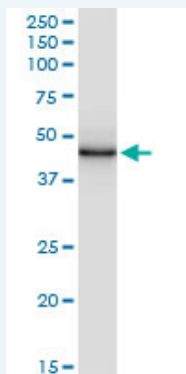
List All

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 IDH2 transfected lysate using rabbit polyclonal anti-IDH2 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse monoclonal anti-IDH2.

Supplied Product: Antibody pair set content:
1. Antibody pair for IP: rabbit polyclonal anti-IDH2 (300 ul)
2. Antibody pair for WB: mouse monoclonal anti-IDH2 (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: [3418](#)

Gene Name: IDH2

Gene Alias: ICD-M, IDH, IDHM, IDP, IDPM, mNADP-IDH

Gene Description: isocitrate dehydrogenase 2 (NADP+), mitochondrial

Omim ID: [147650](#)

Gene Ontology: [Hyperlink](#)

Application Image

Immunoprecipitation-Western Blot

Gene Summary: Isocitrate dehydrogenases catalyze the oxidative decarboxylation of isocitrate to 2-oxoglutarate. These enzymes belong to two distinct subclasses, one of which utilizes NAD(+) as the electron acceptor and the other NADP(+). Five isocitrate dehydrogenases have been reported: three NAD(+)-dependent isocitrate dehydrogenases, which localize to the mitochondrial matrix, and two NADP(+)-dependent isocitrate dehydrogenases, one of which is mitochondrial and the other predominantly cytosolic. Each NADP(+)-dependent isozyme is a homodimer. The protein encoded by this gene is the NADP(+)-dependent isocitrate dehydrogenase found in the mitochondria. It plays a role in intermediary metabolism and energy production. This protein may tightly associate or interact with the pyruvate dehydrogenase complex. [provided by RefSeq]

Other Designations: NADP+-specific ICDH, isocitrate dehydrogenase, mitochondrial, oxalosuccinate decarboxylase

Gene Pathway

[Biosynthesis of alkaloids derived from histidine and purine](#)
[Biosynthesis of alkaloids derived from ornithine, lysine and nicotinic acid](#)
[Biosynthesis of alkaloids derived from shikimate pathway](#)
[Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
[Biosynthesis of phenylpropanoids](#) [Biosynthesis of plant hormones](#)
[Biosynthesis of terpenoids and steroids](#) [Citrate cycle \(TCA cycle\)](#) [Glutathione metabolism](#)
[Metabolic pathways](#) [Reductive carboxylate cycle \(CO2 fixation\)](#)

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