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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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AKR1C4 (Human) IP-WB Antibody Pair

Catalog # : H00001109-PW1

規格 : [1 Set]

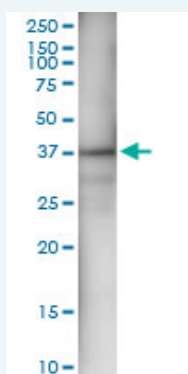
List All

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 AKR1C4 transfected lysate using rabbit polyclonal anti-AKR1C4 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse polyclonal anti-AKR1C4.

Supplied Product: Antibody pair set content:
 1. Antibody pair for IP: rabbit polyclonal anti-AKR1C4 (300 ul)
 2. Antibody pair for WB: mouse polyclonal anti-AKR1C4 (50 ul)

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: [1109](#)

Gene Name: AKR1C4

Gene Alias: 3-alpha-HSD,C11,CDR,CHDR,DD4,HAKRA,MGC22581

Gene Description: aldo-keto reductase family 1, member C4 (chlordecone reductase; 3-alpha hydroxysteroid dehydrogenase, type I; dihydrodiol dehydrogenase 4)

Omim ID: [600451](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. These enzymes catalyze the conversion of aldehydes and ketones to their corresponding alcohols by utilizing NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme catalyzes the bioreduction of chlordecone, a toxic organochlorine pesticide, to chlordecone alcohol in liver. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14. [provided by RefSeq]

Other Designations: 3 alpha-hydroxysteroid dehydrogenase/dihydrodiol dehydrogenase 4, OTTHUMP00000018997, aldo-keto reductase family 1, member C4, chlordecone reductase, dihydrodiol dehydrogenase 4, dihydrodiol dehydrogenase isozyme DD4, type I 3-alpha-hydroxysteroid dehydrogenase

Gene Pathway

[Androgen and estrogen metabolism](#) [C21-Steroid hormone metabolism](#) [Metabolic pathways](#)
[Metabolism of xenobiotics by cytochrome P450](#) [Primary bile acid biosynthesis](#)

Related Disease

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