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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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AKR1C2 (Human) Matched Antibody Pair

Catalog # : H00001646-AP21

規格 : [1 Set]

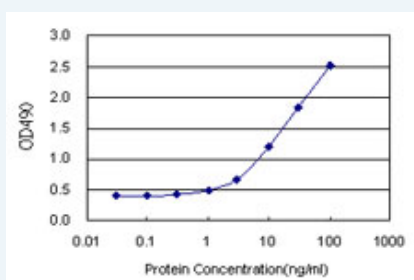
[List All](#)

Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human AKR1C2.

Reactivity: Human

Quality Control Testing: Standard curve using recombinant protein (H00001646-P01) as an analyte.



Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.

Supplied Product: Antibody pair set content:
 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-AKR1C2 (100 µg)
 2. Detection antibody: mouse polyclonal anti-AKR1C2 (40 µl)
 *Reagents are sufficient for at least 3-5 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: [1646](#)

Gene Name: AKR1C2

Gene Alias: AKR1C-pseudo,BABP,DD,DD2,DDH2,HAKRD,HBAB,MCDR2

Gene Description: aldo-keto reductase family 1, member C2 (dihydrodiol dehydrogenase 2; bile acid binding protein; 3-alpha hydroxysteroid dehydrogenase, type III)

Omim ID: [600450](#)

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 using NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme binds bile acid with high affinity, and shows minimal 3-alpha-hydroxysteroid dehydrogenase activity. 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: OTTHUMP00000018995, OTTHUMP00000044759, aldo-keto reductase family 1, member C2, chlordecone reductase homolog, pseudo-chlordecone reductase, trans-1,2-dihydrobenzene-1,2-diol dehydrogenase, type II dihydrodiol dehydrogenase

Gene Pathway

[Metabolism of xenobiotics by cytochrome P450](#)

Related Disease

[Breast Neoplasms](#) [Genetic Predisposition to Disease](#) [Lung Neoplasms](#) [Obesity](#) [Ovarian Failure, Premature](#) [Polycystic Ovary Syndrome](#) [Prostatic Neoplasms](#) [Puberty, Delayed](#) [Puberty, Precocious](#) [Thrombophilia](#) [Tobacco Use Disorder](#)

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