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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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AKR1C2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001646-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

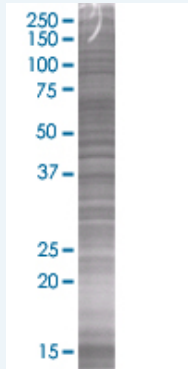
Plasmid: pCMV-AKR1C2 full-length

Host: Human

Theoretical MW (kDa): 35.53

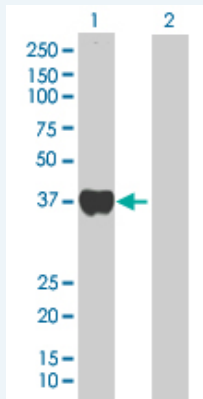
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-AKR1C2 antibody ([H00001646-B02](#)) by Western Blots.

SDS-PAGE Gel



AKR1C2 transfected lysate

Western Blot



Lane 1: AKR1C2 transfected lysate (35.53 KDa).

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [1646](#)

GeneBank Accession#: [BC007024](#)

Protein Accession#: [AAH07024](#)

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](#)