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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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AKR1C1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00001645-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human AKR1C1 protein.

Immunogen: AKR1C1 (NP_001344.2, 1 a.a. ~ 323 a.a) full-length human protein.

Sequence:
 MDSKYQCVKLNDFHMPVLGFGTYAPAEVPSKALEATKLAIEAGFRHID
 SAHLYNNEEQVGLAIRSKIADGSKREDIFYTSKLWCNSHRPELVRPALER
 SLKNLQLDYVDLYLIHFPVSVKPGEEVIPKDENGKILFDTVDLCATWEAVE
 KCKDAGLAKSIGVSNFNRRQLEMILNKPGLYKYPVCNQVECHPYFNQRKL
 LDFCKSKDMLVAYSALGSHREEPWDPNSPVLLEDVLCALAKKHKRTP
 ALIALRYQLQRGVVLAQSYNEQRIRQNVQVFEFQLTSEEMKAIDGLNRN
 VRYLTLDFAGPPNYPFSDEY

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

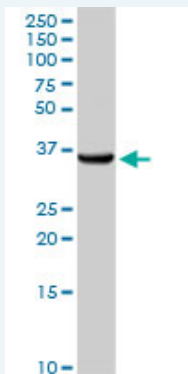
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

Western Blot (Tissue lysate)



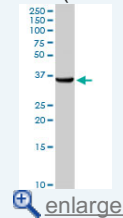
AKR1C1 MaxPab rabbit polyclonal antibody. Western Blot analysis of AKR1C1 expression in human liver.

 [Protocol Download](#)

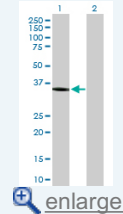
Western Blot (Transfected lysate)

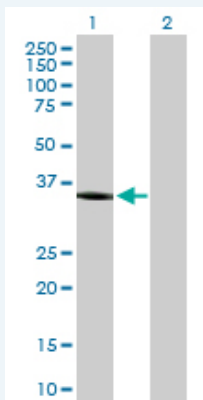
Application Image

Western Blot (Tissue lysate)



Western Blot (Transfected lysate)





Western Blot analysis of AKR1C1 expression in transfected 293T cell line ([H00001645-T02](#)) by AKR1C1 MaxPab polyclonal antibody.

Lane 1: AKR1C1 transfected lysate(36.80 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Information

Entrez GeneID: [1645](#)

GeneBank Accession#: [NM_001353.5](#)

Protein Accession#: [NP_001344.2](#)

Gene Name: AKR1C1

Gene Alias: 2-ALPHA-HSD,20-ALPHA-HSD,C9,DD1,DDH,DDH1,H-37,HAKRC,MBAB,MGC8954

Gene Description: aldo-keto reductase family 1, member C1 (dihydrodiol dehydrogenase 1; 20-alpha (3-alpha)-hydroxysteroid dehydrogenase)

Omim ID: [600449](#)

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 reaction of progesterone to the inactive form 20-alpha-hydroxy-progesterone. 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: 20 alpha-hydroxysteroid dehydrogenase,OTTHUMP00000018992,aldo-keto reductase C,aldo-keto reductase family 1, member C1,chlordecone reductase homolog,dihydrodiol dehydrogenase 1,dihydrodiol dehydrogenase isoform DD1,hepatic dihydrodiol dehydrogenase,trans-

Gene Pathway

[Metabolism of xenobiotics by cytochrome P450](#)

Related Disease

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