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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

AKR1C2 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00001646-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human AKR1C2 protein.

Immunogen: AKR1C2 (AAH07024.1, 1 a.a. ~ 323 a.a) full-length human protein.

Sequence:
 MDSKYQCVKLNDFHMPVLGFGTYAPAEVPSKALEAVKLAIEAGFHHID
 SAHVYNNEEQVGLAIRSKIADGSVKREDIFYTSLWWSNSHRPELVRPALER
 SLKNLQLDYVDLYLIHFVSVKPGEEVIPKDENGKILFDTVDLCATWEAME
 KCKDAGLAKSIGVSNFNHRLLEMILNKPLKYPVCNQVECHPYFNQRKL
 LDFCKSKDMLVAYSALGSHREEPWDPNSPVLLEDVLCALAKKHKRTP
 ALIALRYQLQRGVVVLAKSYNEQRIRQNVQVFEFQLTSEEMKAIDGLNRN
 VRYLTLDFAGPPNYPFSDY

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

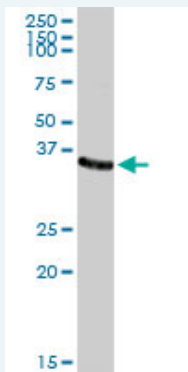
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

Western Blot (Tissue lysate)



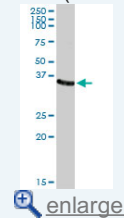
AKR1C2 MaxPab rabbit polyclonal antibody. Western Blot analysis of AKR1C2 expression in human liver.

 [Protocol Download](#)

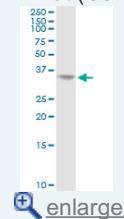
Western Blot (Cell lysate)

Application Image

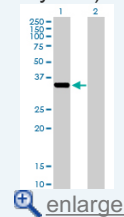
Western Blot (Tissue lysate)

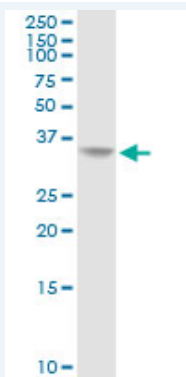


Western Blot (Cell lysate)



Western Blot (Transfected lysate)

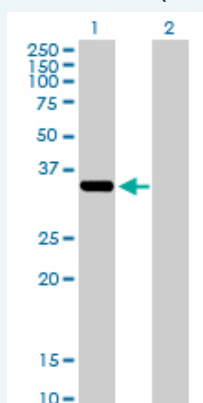




AKR1C2 MaxPab rabbit polyclonal antibody. Western Blot analysis of AKR1C2 expression in HeLa.

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Western Blot (Transfected lysate)



Western Blot analysis of AKR1C2 expression in transfected 293T cell line ([H00001646-T02](#)) by AKR1C2 MaxPab polyclonal antibody.

Lane 1: AKR1C2 transfected lysate(36.70 KDa).

Lane 2: Non-transfected lysate.

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Gene Information

Entrez GeneID: [1646](#)

GeneBank [NM_001354.4](#)

Accession#:

Protein [AAH07024.1](#)

Accession#:

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,OTTHUMP000000044759,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

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