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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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AKR1C2 MaxPab mouse polyclonal antibody (B03) MaxPab®

Catalog # : H00001646-B03

規格 : [50 uL]

[List All](#)

Specification

Product Description: Mouse 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
 SAHVYNNEEQVGLAIRSKIADGSVKREDIFYTSLKWSNSHRPELVRPALER
 SLKNLQLDYVDLYLIHFVSVKPGEEVIPKDENGKILFDTVDLCATWEAME
 KCKDAGLAKSIGVSNFNHRLLEMILNKPLKYKPVNCQVECHPYFNQRKL
 LDFCKSKDMLVAYSALGSHREEPWDPNSPVLLLEDPVLCALAKKHKRTP
 ALIALRYQLQRGVVVLAKSYNEQRIRQNVQVFEFQLTSEEMKAIDGLNRN
 VRYLTLDIFAGPPNYPFSDEY

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: No additive

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

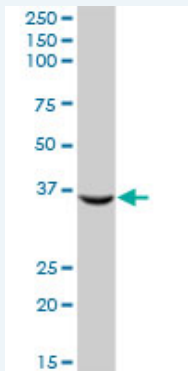
Note: For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Tissue lysate)



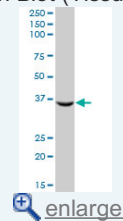
AKR1C2 MaxPab polyclonal antibody. Western Blot analysis of AKR1C2 expression in human liver.

[Protocol Download](#)

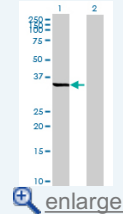
Western Blot (Transfected lysate)

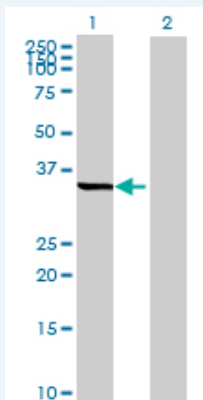
Application Image

Western Blot (Tissue lysate)




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

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Gene Information

Entrez GeneID: [1646](#)

GeneBank Accession#: [NM_001354.4](#)

Protein Accession#: [AAH07024.1](#)

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

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