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Datasheet for ABIN514922  
**anti-AKR1C1 antibody (AA 1-323)**

3 Images

Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | AKR1C1 (DDH)                                    |
| Binding Specificity: | AA 1-323  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This AKR1C1 antibody is un-conjugated           |
| Application:         | Western Blotting (WB), Immunoprecipitation (IP) |

Product Details

|                   |   |
|-------------------|---|
| Purpose:          | 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:         | MDSKYQCVKL NDGHFMPVLG FGTYAPAEVP KSKALEATKL AIEAGFRHID SAHLYNNEEQ<br>VGLAIRSKIA DGSVKREDIF YTSKLCWNSH RPELVPALE RSLKNLQLDY VDLYLIHFPV<br>SVKPGEEVIP KDENGKILFD TVDLCATWEA VEKCKDAGLA KSIGVSNFNR RQLEMILNKP<br>GLKYKPVCNQ VECHPYFNQR KLLDFCKSKD IVLVAYSALG SHREEPWVDP NSPVLLEDPV<br>LCALAKKHKR TPALIALRYQ LQRGVVVLAK SYNEQRIRQN VQVFEFQLTS EEMKAIDGLN<br>RNVRYLTLDI FAGPPNYPFS DEY |
| Cross-Reactivity: | Human   |
| Characteristics:  | Antibody reactive against mammalian transfected lysate.   |

## Target Details

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|                   |  |
|-------------------|--|
| Target:           | AKR1C1 (DDH)   |
| Alternative Name: | AKR1C1 ( <a href="#">DDH Products</a> )  |
| Background:       | Full Gene Name: aldo-keto reductase family 1, member C1 (dihydrodiol dehydrogenase 1, 20-alpha (3-alpha)-hydroxysteroid dehydrogenase)<br>Synonyms: 2-ALPHA-HSD,20-ALPHA-HSD,C9,DD1,DDH,DDH1,H-37,HAKRC,MBAB,MGC8954 |
| Gene ID:          | 1645   |
| NCBI Accession:   | <a href="#">NM_001353</a>  |
| Pathways:         | <a href="#">Steroid Hormone Biosynthesis</a> , <a href="#">C21-Steroid Hormone Metabolic Process</a>   |

## Application Details

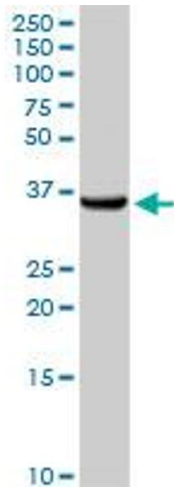
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|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only  |

## Handling

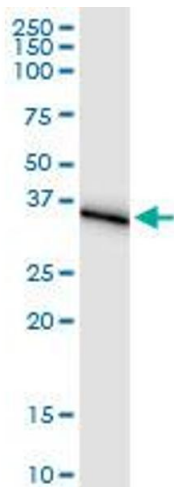
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|                  |  |
|------------------|--|
| Format:          | Liquid   |
| Buffer:          | No additive  |
| Preservative:    | Without preservative   |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing.                          |
| Storage:         | -20 °C   |
| Storage Comment: | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |



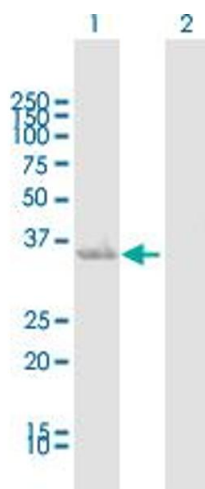
### Western Blotting

**Image 1.** AKR1C1 MaxPab rabbit polyclonal antibody. Western Blot analysis of AKR1C1 expression in human liver.



### Immunoprecipitation

**Image 2.** Immunoprecipitation of AKR1C1 transfected lysate using anti-AKR1C1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with AKR1C1 purified MaxPab mouse polyclonal antibody (B01P).



### Western Blotting

**Image 3.** Western Blot analysis of AKR1C1 expression in transfected 293T cell line by AKR1C1 MaxPab polyclonal antibody.

Lane 1: AKR1C1 transfected lysate(36.80 KDa).

Lane 2: Non-transfected lysate.