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Datasheet for ABIN7465500 **anti-AKR1D1 antibody**

Overview

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| Quantity: | 100 µL |
| Target: | AKR1D1 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AKR1D1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-------------------|-----------------------------------------------|
| Immunogen: | Full length human AKR1D1 Recombinant protein. |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

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| Target: | AKR1D1 |
| Alternative Name: | aldo-keto reductase family 1 member D1 (AKR1D1 Products) |
| Background: | Aldo-keto reductase family 1 member D1 , 3o5bred , CBAS2 , SRD5B1,The enzyme encoded by this gene is responsible for the catalysis of the 5-beta-reduction of bile acid intermediates and steroid hormones carrying a delta(4)-3-one structure. Deficiency of this enzyme may contribute to hepatic dysfunction. [provided by RefSeq] |

Target Details

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| Molecular Weight: | 37 kDa |
| Gene ID: | 6718 |
| UniProt: | P51857 |
| Pathways: | Steroid Hormone Biosynthesis , C21-Steroid Hormone Metabolic Process , Monocarboxylic Acid Catabolic Process |

Application Details

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| Application Notes: | WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |
| Comment: | Positive Control: A549 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal |
| Preservative: | Thimerosal (Merthiolate) |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |