

For Research Use Only

AKR1D1 Polyclonal antibody

Catalog Number: 23910-1-AP



Basic Information

Catalog Number:

23910-1-AP

Size:

150ul, Concentration: 133 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21009

GenBank Accession Number:

BC130627

GeneID (NCBI):

6718

UNIPROT ID:

P51857

Full Name:

aldo-keto reductase family 1, member D1 (delta 4-3-ketosteroid-5-beta-reductase)

Calculated MW:

326 aa, 37 kDa

Observed MW:

33 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse liver tissue,

Background Information

AKR1D1 (steroid 5 β -reductase) reduces all Δ 4-3-ketosteroids to form 5 β -dihydrosteroids, a first step in the clearance of steroid hormones and an essential step in the synthesis of all bile acids. It is also named as SRD5B1 and belongs to the aldo/keto reductase family. This protein has 3 isoforms produced by alternative splicing.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

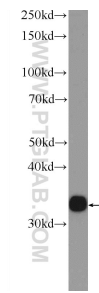
For technical support and original validation data for this product please contact:

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Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 23910-1-AP (AKR1D1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.