

For Research Use Only

AKR1D1 Polyclonal antibody

Catalog Number: 23910-1-AP



Basic Information

Catalog Number:

23910-1-AP

Size:

133 µg/ml

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

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

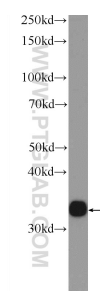
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.