

For Research Use Only

AKR1D1 Polyclonal antibody

Catalog Number: 23910-1-AP



Basic Information

Catalog Number: 23910-1-AP	GenBank Accession Number: BC130627	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 133 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6718	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: aldo-keto reductase family 1, member D1 (delta 4-3-ketosteroid-5-beta-reductase)	
Isotype: IgG	Calculated MW: 326 aa, 37 kDa	
Immunogen Catalog Number: AG21009	Observed MW: 33 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse liver tissue,
Species Specificity: human, mouse, rat	

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

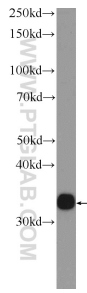
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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.