

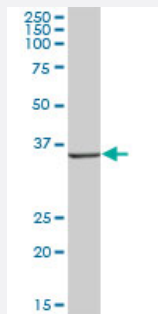
MaxPab®

AKR1D1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006718-B01P

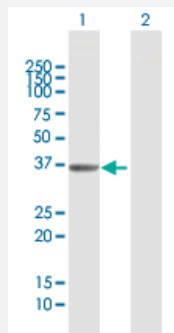
Size 50 ug

Applications



Western Blot (Tissue lysate)

AKR1D1 MaxPab polyclonal antibody. Western Blot analysis of AKR1D1 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of AKR1D1 expression in transfected 293T cell line ([H00006718-T01](#)) by AKR1D1 MaxPab polyclonal antibody.

Lane1:AKR1D1 transfected lysate(35.86 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human AKR1D1 protein.

Immunogen

AKR1D1 (NP_005980.1, 1 a.a. ~ 326 a.a) full-length human protein.

Sequence

MDLSAASHRIPLSDGNSIPIGLGTYSEPKSTPKGACATSVKVAIDTGYRHIDGAYTYQNEHEVGGAIR
EKIAEGKVRREDIFYCGKLWATNHVPEMVRPTLERTLRVLQLDYVDLYIEVPMFAFKPGDEMYPRDE
NGKWLYHKSNLCATWEAMEACKDAGLVKSLGVSNFNRRQLELILNKPGLKHKPVSNQVECHPYF
TQPKLLKFCQQHDMITAYSPLGTSRNPWMVNVSSPPLLKDALLNSLGKRYNKTAAQIVLRFNIQRGV
VVIPKSFNLRIKENFQIFDFSLTEEMKDIKALNKNVRFVELLMWRDHPEYPFHDEY

Host

Mouse

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

AKR1D1 MaxPab polyclonal antibody. Western Blot analysis of AKR1D1 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of AKR1D1 expression in transfected 293T cell line ([H00006718-T01](#)) by AKR1D1 MaxPab polyclonal antibody.

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Gene Info — AKR1D1

Entrez GeneID	6718
GeneBank Accession#	NM_005989.2
Protein Accession#	NP_005980.1
Gene Name	AKR1D1
Gene Alias	3o5bred, SRD5B1
Gene Description	aldo-keto reductase family 1, member D1 (delta 4-3-ketosteroid-5-beta-reductase)
Omim ID	604741
Gene Ontology	Hyperlink
Gene Summary	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]

Other Designations

aldo-keto reductase family 1, member D1|steroid 5-beta-reductase|steroid-5-beta-reductase, beta polypeptide 1 (3-oxo-5 beta-steroid delta 4-dehydrogenase beta 1)

Pathway

- [Androgen and estrogen metabolism](#)
- [C21-Steroid hormone metabolism](#)
- [Metabolic pathways](#)
- [Primary bile acid biosynthesis](#)

Disease

- [Tobacco Use Disorder](#)