MaxPab®

HSD17B4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003295-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HSD17B4 protein.
Immunogen	HSD17B4 (ABM82792.1, 1 a.a. ~ 736 a.a) full-length human protein.
Sequence	MGSPLRFDGRVVLVTGAGAGLGRAYALAFAERGALVVVNDLGGDFKGVGKGSLAADKVVEEIR RRGGKAVANYDSVEEGEKVVKTALDAFGRIDVVVNNAGILRDRSFARISDEDWDIIHRVHLRGSFQ VTRAAWEHMKKQKYGRIIMTSSASGIYGNFGQANYSAAKLGLLGLANSLAIEGRKSNIHCNTIAPNA GSRMTQTVMPEDLVEALKPEYVAPLVLWLCHESCEENGGLFEVGAGWIGKLRWERTLGAIVRQK NHPMTPEAVKANWKKICDFENASKPQSIQESTGSIIEVLSKIDSEGGVSANHTSRATSTATSGFAG AIGQKLPPFSYAYTELEAIMYALGVGASIKDPKDLKFIYEGSSDFSCLPTFGVIIGQKSMMGGGLAEI PGLSINFAKVLHGEQYLELYKPLPRAGKLKCEAVVADVLDKGSGVVIIMDVYSYSEKELICHNQFSL FLVGSGGFGGKRTSDKVKVAVAIPNRPPDAVLTDTTSLNQAALYRLSGDWNPLHIDPNFASLAGF DKPILHGLCTFGFSARRVLQQFADNDVSRFKAIKARFAKPVYPGQTLQTEMWKEGNRIHFQTKVQ ETGDIVISNAYVDLAPTSGTSAKTPSEGGKLQSTFVFEEIGRRLKDIGPEVVKKVNAVFEWHITKGG NIGAKWTIDLKSGSGKVYQGPAKGAADTTIILSDEDFMEVVLGKLDPQKAFFSGRLKARGNIMLSQ KLQMILKDYAKL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (87)
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 (Transfected lysate)

  Protocol Download

Gene Info — HSD17B4

Entrez GeneID	3295
GeneBank Accession#	DQ891866.2
Protein Accession#	ABM82792.1
Gene Name	HSD17B4
Gene Alias	DBP, MFE-2, SDR8C1
Gene Description	hydroxysteroid (17-beta) dehydrogenase 4
Omim ID	261515 601860
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a bifunctional enzyme that is involved in the peroxisomal beta -oxidation pathway for fatty acids. It also acts as a catalyst for the formation of 3-ketoacyl-CoA inte rmediates from both straight-chain and 2-methyl-branched-chain fatty acids. Defects in this gene t hat affect the peroxisomal fatty acid beta-oxidation activity are a cause of D-bifunctional protein d eficiency (DBPD). An apparent pseudogene of this gene is present on chromosome 8. [provided by RefSeq
Other Designations	17-beta-HSD IV|17-beta-hydroxysteroid dehydrogenase 4|17beta-estradiol dehydrogenase type I V|3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholest-24-enoyl-CoA hydratase|D-3-hydroxyacyl-C oA dehydratase|D-bifunctional protein, peroxisomal|beta-hydroxyacyl deh

Pathway

- Metabolic pathways
- Primary bile acid biosynthesis

Disease

- Adenocarcinoma
- Asperger Syndrome
- Autistic Disorder
- Breast Neoplasms

- Cardiovascular Diseases
- Cryptorchidism
- Diabetes Mellitus
- Edema
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Lung Neoplasms
- Neoplasms
- Obesity
- Ovarian cancer
- Ovarian Failure
- Ovarian Neoplasms
- Polycystic Ovary Syndrome
- Prostate cancer
- Prostatic Neoplasms
- Puberty
- Pulmonary Disease
- Seminoma
- Social Perception
- Testicular Neoplasms
- Thrombophilia
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Werner syndrome