

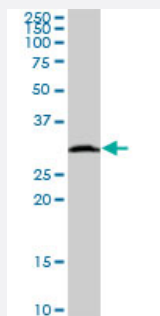
MaxPab®

HSD17B8 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00007923-B02P

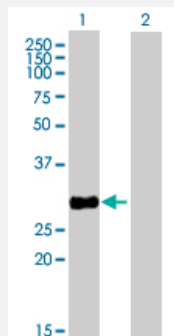
Size 50 ug

Applications



Western Blot (Tissue lysate)

HSD17B8 MaxPab polyclonal antibody. Western Blot analysis of HSD17B8 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of HSD17B8 expression in transfected 293T cell line ([H00007923-T02](#)) by HSD17B8 MaxPab polyclonal antibody.

Lane 1: HSD17B8 transfected lysate(28.71 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human HSD17B8 protein.

Immunogen

HSD17B8 (NP_055049.1, 1 a.a. ~ 261 a.a) full-length human protein.

Sequence

MASQLQNRLRSALALVTGAGSGIGRAVSVRLAGEGATVAACDLDRAAAQETVRLGGPGSKEGP
PRGNHAAFQADVSEARAARCLLEQVQACFSRPPSVVVSCAGITQDEFLHMSEDDWDKVI
AVN LKGTFLVTQAAAQALVSNGCRGSIINISSIVGKVGNVGQTNYAASKAGVIGLTQTAARELGRHGIRC
NSVLPGFATPMTQKVPQKVVDKITEMIPMGHLGDPEDVADVVAFLASEDSGYTTGTSVEVTGGLF
M

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); 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 (Tissue lysate)

HSD17B8 MaxPab polyclonal antibody. Western Blot analysis of HSD17B8 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of HSD17B8 expression in transfected 293T cell line ([H00007923-T02](#)) by HSD17B8 MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — HSD17B8

Entrez GeneID	7923
GeneBank Accession#	NM_014234.3
Protein Accession#	NP_055049.1
Gene Name	HSD17B8
Gene Alias	D6S2245E, FABG, FABGL, H2-KE6, HKE6, KE6, RING2, SDR30C1, dJ1033B10.9
Gene Description	hydroxysteroid (17-beta) dehydrogenase 8
Omim ID	601417
Gene Ontology	Hyperlink

Gene Summary

In mice, the Ke6 protein is a 17-beta-hydroxysteroid dehydrogenase that can regulate the concentration of biologically active estrogens and androgens. It is preferentially an oxidative enzyme and inactivates estradiol, testosterone, and dihydrotestosterone. However, the enzyme has some reductive activity and can synthesize estradiol from estrone. The protein encoded by this gene is similar to Ke6 and is a member of the short-chain dehydrogenase superfamily. An alternatively spliced transcript of this gene has been detected, but the full-length nature of this variant has not been determined. [provided by RefSeq]

Other Designations

17-beta-HSD 8|17-beta-hydroxysteroid dehydrogenase 8|OTTHUMP00000029153|beta-ketoacyl-[acyl-carrier-protein] reductase-like|estradiol 17 beta-dehydrogenase 8|estrogen 17-oxidoreductase|short chain dehydrogenase/reductase family 30C, member 1

Pathway

- [Androgen and estrogen metabolism](#)
- [Metabolic pathways](#)

Disease

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- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)