

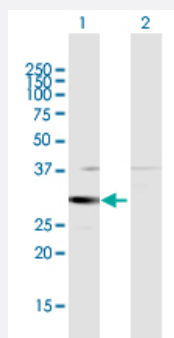
MaxPab®

HSD17B8 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007923-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HSD17B8 expression in transfected 293T cell line ([H00007923-T03](#)) by HSD17B8 MaxPab polyclonal antibody.

Lane 1: HSD17B8 transfected lysate(27.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit 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 NSVLPGFATPMTQKVPQKVVDKITEMIPMGHLGDPEDVADVVAFLASEDSGYITGTSVEVTGGLF M
Host	Rabbit
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.

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[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

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