

DNAxPAb

Hard-to-Find
Antibody

HSD17B8 DNAxPab

Catalog # H00007923-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HSD17B8 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MASQLQNRLRSALALVTGAGSGIGRAVSVRLAGEGATVAACDLDRAAAQETVRLGGPGSKEGP PRGNHAAFQADVSEARAARCLLEQVQACFSRPPSVVVSCAGITQDEFLLHMSEDDWDKVI LKGTFLLVQAAAQALVSNGCRGSIIINISSIVGKVGNGVQNTNYAASKAGVIGLTQTAARELGRHGIRC NSVLPGFATPMTQKVPQKVVDKITEMIPMGHLGDPEDVADVVAFLASEDSGYITGTSVEVTGGLF M
Host	Rabbit
Reactivity	Human
Purification	Protein A
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](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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](#)