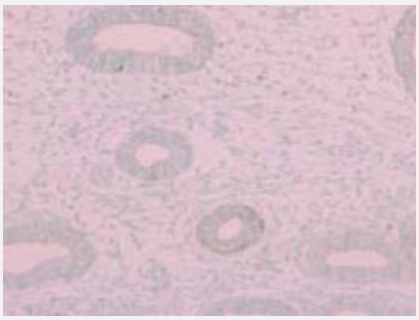
HSD17B8 polyclonal antibody

Catalog # PAB8493 Size 25 ug

Applications



Immunohistochemistry

Imunohistochemical analysis of human endometrium tissue, using HSD17B8 polyclonal antibody (Cat # PAB8493) .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of HSD17B8.
Immunogen	A synthetic peptide corresponding to human HSD17B8.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Immunohistochemistry (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.1% proclin, 2.0% Block Ace)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry

  Imunohistochemical analysis of human endometrium tissue, using HSD17B8 polyclonal antibody (Cat # PAB8493) .

Gene Info — HSD17B8

Entrez GeneID	7923
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 concent ration of biologically active estrogens and androgens. It is preferentially an oxidative enzyme and i nactivates estradiol, testosterone, and dihydrotestosterone. However, the enzyme has some redu ctive activity and can synthesize estradiol from estrone. The protein encoded by this gene is simil ar 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 det ermined. [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-oxidoreduct ase|short chain dehydrogenase/reductase family 30C, member 1

Publication Reference

- Immature ovaries and polycystic kidneys in the congenital polycystic kidney mouse may be due to abnormal sex steroid metabolism.

  Woo D, Lee GY, Anderson E, Aziz N.

  Molecular and Cellular Endocrinology 2001 May; 176(1-2):155.

  Application: IF, IHC-Fr, Mouse, Mouse reproductive tissues

- Abnormal regulation of the Ke 6 gene, a new 17beta-hydroxysteroid dehydrogenase in the cpk mouse kidney.

  Ramirez S, Fomitcheva I, Aziz N.

  Molecular and Cellular Endocrinology 1998 Aug; 143(1-2):9.

Pathway

- Androgen and estrogen metabolism
- Metabolic pathways

Disease

- Abortion
- Breast Neoplasms
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Lupus Erythematosus