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HSD17B1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16545b

Product Information

Application	WB, E
Primary Accession	P14061
Other Accession	NP_000404.2
Reactivity	Human
Predicted	Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36086
Calculated MW	34950
Antigen Region	227-256

Additional Information

Gene ID	3292
Other Names	Estradiol 17-beta-dehydrogenase 1, 17-beta-hydroxysteroid dehydrogenase type 1, 17-beta-HSD 1, 20 alpha-hydroxysteroid dehydrogenase, 20-alpha-HSD, E2DH, Placental 17-beta-hydroxysteroid dehydrogenase, HSD17B1, E17KSR, EDH17B1, EDH17B2, EDHB17
Target/Specificity	This HSD17B1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 227-256 amino acids from the C-terminal region of human HSD17B1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HSD17B1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HSD17B1 (HGNC:5210)

Function	Favors the reduction of estrogens and androgens. Converts estrone (E1) to a more potent estrogen, 17beta-estradiol (E2) (PubMed:8994190). Also has 20-alpha-HSD activity. Uses preferentially NADH.
Cellular Location	Cytoplasm.

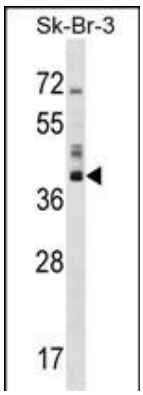
Background

Favors the reduction of estrogens and androgens. Also has 20-alpha-HSD activity. Uses preferentially NADH.

References

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Liu, C.Y., et al. Carcinogenesis 31(7):1259-1263(2010)
Lamp, M., et al. Gynecol. Endocrinol. (2010) In press :
Haller, F., et al. J. Mol. Biol. 399(2):255-267(2010)
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Images



HSD17B1 Antibody (C-term) (Cat. #AP16545b) western blot analysis in SK-BR-3 cell line lysates (35ug/lane).This demonstrates the HSD17B1 antibody detected the HSD17B1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.