

HSD17B2 Polyclonal Antibody

Catalog number: 10978-1-AP

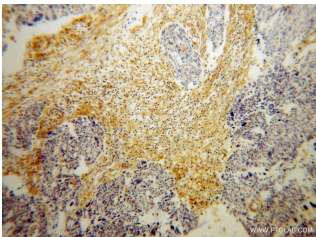
Size: 43 µg/150 µl

Source: Rabbit

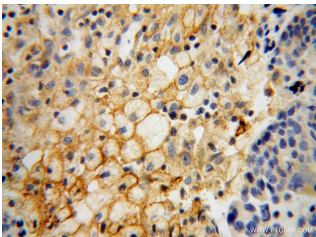
Isotype: IgG

Synonyms:

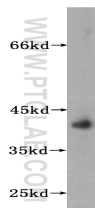
HSD17B2; 17 beta HSD 2,
17βHSD2, 20 alpha HSD, E2DH,
EDH17B2, HSD17, HSD17B2,
SDR9C2



Immunohistochemical of paraffin-embedded human ovary tumor using 10978-1-AP(HSD17B2 antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human ovary tumor using 10978-1-AP(HSD17B2 antibody) at dilution of 1:100 (under 40x lens)



human liver tissue were subjected to SDS PAGE followed by western blot with 10978-1-AP(HSD17B2 antibody) at dilution of 1:400

Background

HSD17B2(Estradiol 17-beta-dehydrogenase 2) is also named as 17-beta-HSD 2,20-alpha-HSD,EDH17B2 and belongs to the short-chain dehydrogenases/reductases (SDR) family. Based on the pivotal role of HSD17B2 gene product in the estrogen metabolism pathway, it may be considered as a putative candidate gene that could possibly explain a fraction of the remaining familial breast cancer risk and it is unlikely to play a role as a high penetrance gene in breast cancer predisposition(PMID:18372405).

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IHC, WB
Species specificity:	Human; other species not tested.
Cited species:	Human, mouse
Calculated HSD17B2 MW:	43 kDa
Observed HSD17B2 MW:	35-40 kDa
Positive WB detected in	Human liver tissue, MCF7 cells
Positive IHC detected in	Human ovary tumor tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1411
GenBank accession number:	BC009581
Gene ID (NCBI):	3294
Full name:	Hydroxysteroid (17-beta) dehydrogenase 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.