

For Research Use Only

HSD17B2 Polyclonal antibody

Catalog Number: 10978-1-AP

Featured Product

31 Publications



Basic Information

Catalog Number: 10978-1-AP	GenBank Accession Number: BC009581	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 287 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3294	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:20-1:200
Source: Rabbit	Full Name: hydroxysteroid (17-beta) dehydrogenase 2	
Isotype: IgG	Calculated MW: 43 kDa	
Immunogen Catalog Number: AG1411	Observed MW: 35-40 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HepG2 cells, MCF-7 cells, human placenta tissue IHC : human ovary tumor tissue,
Cited Applications: IHC, WB	
Species Specificity: human	
Cited Species: human, rat, mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Changjiang Liu	34544022	Ecotoxicol Environ Saf	WB
Takayoshi Inoue	21740958	Mol Cell Endocrinol	IHC
Lindsay J Collin	31671023	Acta Oncol	IHC

Storage

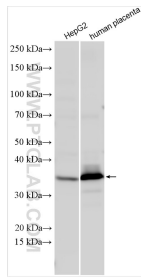
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

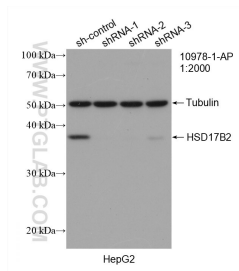
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

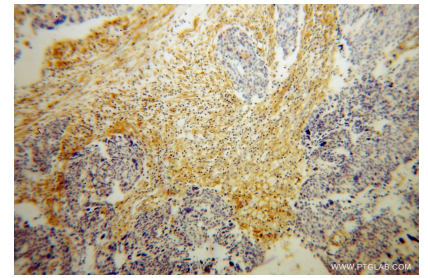
Selected Validation Data



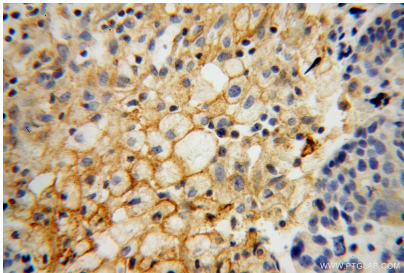
Various lysates were subjected to SDS PAGE followed by western blot with 10978-1-AP (HSD17B2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



WB result of HSD17B2 antibody (10978-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HSD17B2 transfected HepG2 cells.



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



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