

HSD17B1 Polyclonal Antibody

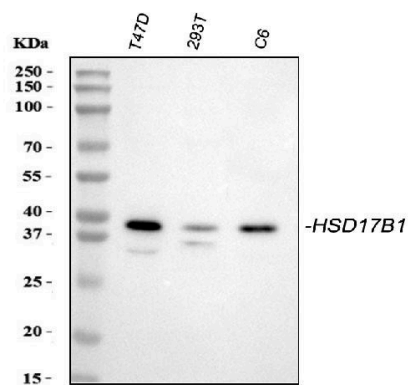
Product Details	
Size	100 µg
Species Reactivity	Human, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human HSD17B1 (29-43aa QSFKVVYATLRDLKTQ).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5mg BSA
Contains	0.05mg sodium azide, 0.05mg thimerosal
Storage conditions	-20°C
RRID	AB_2746516

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Immunocytochemistry (ICC/IF)	0.5-1 µg/mL	-

Product Specific Information

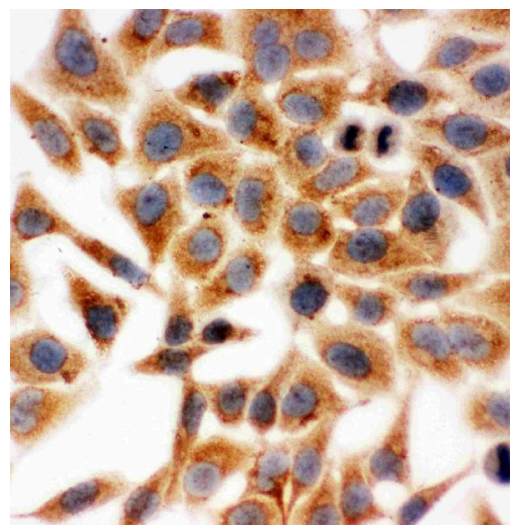
Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For HSD17B1 Polyclonal Antibody



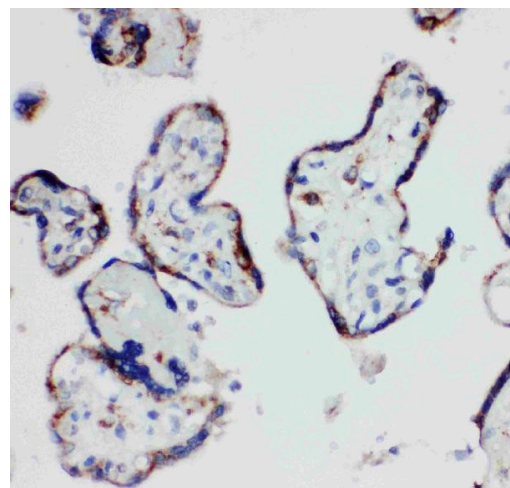
HSD17B1 Antibody (PA5-79400) in WB

Western blot analysis of HSD17B1 in, Lane 1: human T47D whole cell lysates, Lane 2: human 293T whole cell lysates, Lane 3: rat C6 whole cell lysates. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 µg of sample under reducing conditions. After Electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. The membrane was blocked with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with HSD17B1 Polyclonal Antibody (Product # PA5-79400) at 0.5 g/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5,000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit. A specific band was detected for HSD17B1 at approximately 37-38 kDa. The expected band size for HSD17B1 is at 35 kDa.



HSD17B1 Antibody (PA5-79400) in ICC/IF

Immunocytochemistry analysis of HSD17B1 using anti-HSD17B1 antibody (Product # PA5-79400). HSD17B1 was detected in an immunocytochemical section of Hela cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent for 15 mins. The cells were blocked with 10% goat serum and then incubated with 1 g/mL rabbit anti-HSD17B1 antibody(Product # PA5-79400)overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



HSD17B1 Antibody (PA5-79400) in IHC (P)

Immunohistochemical analysis of HSD17B1 in a paraffin-embedded section of Human Placenta tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution).The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1 g/mL rabbit anti-HSD17B1 antibody (Product # PA5-79400) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

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