

# HSD17B3 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Pig
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 122 and 310 of Human HSD17B3
Form	Liquid
Concentration	0.44 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol, 1% BSA
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2547537

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	1 Publication
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-

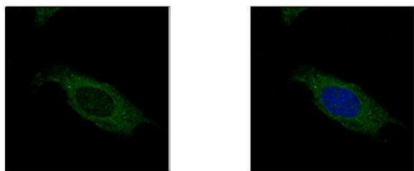
## Product Specific Information

Recommended positive controls: Raji.

Predicted reactivity: Pig (81%), Rhesus Monkey (97%), Bovine (82%).

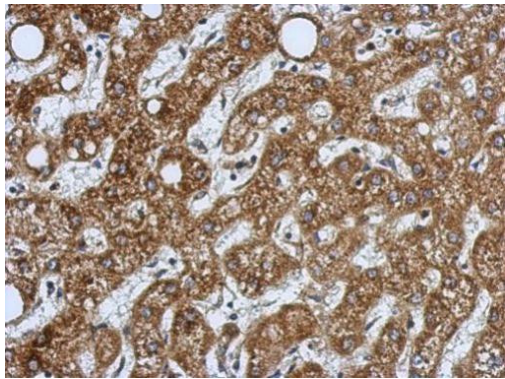
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For HSD17B3 Polyclonal Antibody



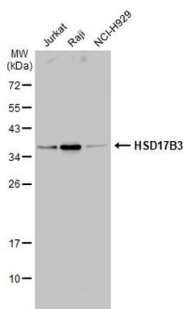
**HSD17B3 Antibody (PA5-30063) in ICC/IF**

HSD17B3 Polyclonal Antibody detects HSD17B3 protein at cytoplasm by confocal immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: HSD17B3 protein stained by HSD17B3 Polyclonal Antibody (Product # PA5-30063) diluted at 1:500. Blue: Hoechst 33342 staining. [Images captured by Olympus FV10i Confocal Laser Scanning Microscope].



**HSD17B3 Antibody (PA5-30063) in IHC (P)**

Immunohistochemical analysis of paraffin-embedded human hepatoma, using HSD17B3 Polyclonal Antibody (Product # PA5-30063) antibody at 1:500 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



**HSD17B3 Antibody (PA5-30063) in WB**

Western Blot using HSD17B3 Polyclonal Antibody (Product # PA5-30063). Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with HSD17B3 Polyclonal Antibody (Product # PA5-30063) diluted at 1:1,000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

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Western Blot (1)

Scientific reports	Year 2021
<b>Regulation of uterine function during estrous cycle, anestrus phase and pregnancy by steroids in red deer (<i>Cervus elaphus</i> L.).</b>	
"Published figure using HSD17B3 polyclonal antibody (Product # PA5-30063) in Western Blot"	
Authors: Kotlarczyk AM,Grzyb M,Korzekwa AJ	

Immunohistochemistry (1)

Reproduction in domestic animals = Zuchthygiene	Year 2014
<b>Altered expression of 3-HSD, CYP17 and 17-HSD in the foetal porcine gonads in response to anti-androgen flutamide exposure.</b>	Species Pig
"PA5-30063 was used in immunohistochemistry to test if androgen depletion alters expression of steroidogenic enzymes during late prenatal period"	Dilution 1:300
Authors: Knapczyk-Stwora K,Grzesiak M,Slomczynska M	

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