Affinity Biosciences
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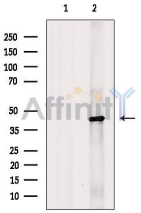
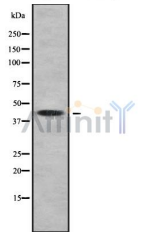
HSD3B1 Ab

Cat.#: DF9100	Concn.: 1mg/ml	Mol.Wt.: 42 kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

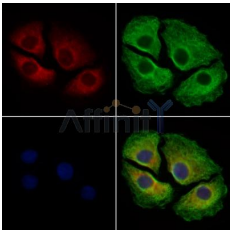
Application:	WB 1:1000-3000, IF/ICC 1:100-1:500
Reactivity:	Human,Rat
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	HSD3B1 Ab detects endogenous levels of total HSD3B1.
Immunogen:	A synthesized peptide derived from human HSD3B1, corresponding to a region within the internal amino acids.
Uniprot:	P14060
Subcellular Location:	Endoplasmic reticulum membrane. Mitochondrion membrane.
Tissue Specificity:	Placenta and skin. Predominantly expressed in mammary gland tissue.
Similarity:	Belongs to the 3-beta-HSD family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of extracts from PC12, using HSD3B1 Ab. The lane on the left was treated with blocking peptide.



Western blot analysis of HSD3B1 using Jurkat whole cell lysates



DF9100 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(DF9100 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.