

ARG45247 anti-HSD17B7 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes HSD17B7
Tested Reactivity	Hu, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	HSD17B7
Species	Human
Immunogen	Recombinant protein containing to human HSD17B7.
Conjugation	Un-conjugated
Alternate Names	HSD17B7; Hydroxysteroid 17-Beta Dehydrogenase 7; SDR37C1; PRAP; 3-Keto-Steroid Reductase/17-Beta-Hydroxysteroid Dehydrogenase 7; Short Chain Dehydrogenase/Reductase Family 37C Member 1; 17-Beta-Hydroxysteroid Dehydrogenase 7; Dihydrotestosterone Oxidoreductase; Estradiol 17-Beta-Dehydrogenase 7; 3-Keto-Steroid Reductase; 17-Beta-HSD 7; Short Chain Dehydrogenase/Reductase Family 37C, Member 1; 17 Beta-Hydroxysteroid Dehydrogenase Type VII; Hydroxysteroid (17-Beta) Dehydrogenase 7; 17beta Hydroxysteroid Dehydrogenase; EC 1.1.1.270; EC 1.1.1.210; EC 1.1.1.62; 17HSD7

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	38 kDa	

Properties

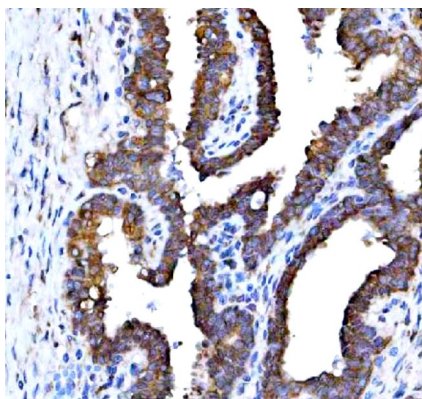
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose

Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

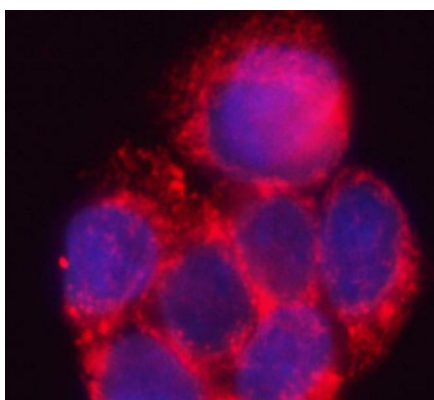
Gene Symbol	HSD17B7
Gene Full Name	Hydroxysteroid 17-Beta Dehydrogenase 7
Background	HSD17B7 encodes an enzyme that functions both as a 17-beta-hydroxysteroid dehydrogenase (EC 1.1.1.62) in the biosynthesis of sex steroids and as a 3-ketosteroid reductase (EC 1.1.1.270) in the biosynthesis of cholesterol (Marijanovic et al., 2003 [PubMed 12829805]).[supplied by OMIM, May 2010]
Function	Bifunctional enzyme involved in steroid-hormone metabolism and cholesterol biosynthesis. [UniProt]
Calculated Mw	38 kDa
PTM	Glycoprotein. [UniProt]
Cellular Localization	Endoplasmic reticulum ; Membrane. [UniProt]

Images



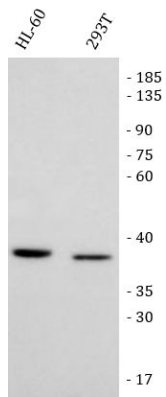
ARG45247 anti-HSD17B7 antibody IHC-P image

Immunohistochemistry: Human prostate cancer stained with ARG45247 anti-HSD17B7 antibody at 2 µg/ml dilution.



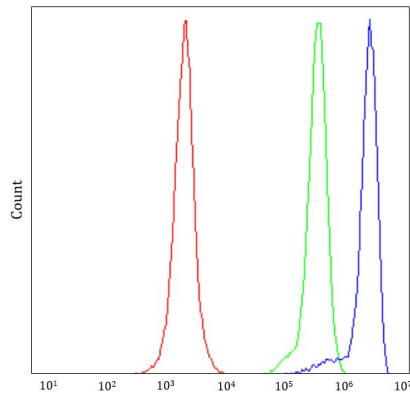
ARG45247 anti-HSD17B7 antibody ICC/IF image

Immunofluorescence: HepG2 stained with ARG45247 anti-HSD17B7 antibody at 5 µg/ml dilution.



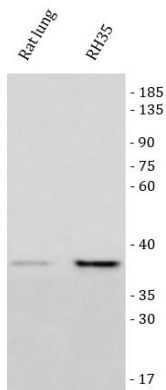
ARG45247 anti-HSD17B7 antibody WB image

Western blot: HL-60 and 293T stained with ARG45247 anti-HSD17B7 antibody at 0.5 µg/ml dilution.



ARG45247 anti-HSD17B7 antibody FACS image

Flow Cytometry: JK stained with ARG45247 anti-HSD17B7 antibody at 1 µg/10⁶ cells dilution.



ARG45247 anti-HSD17B7 antibody WB image

Western blot: Rat lung and RH35 stained with ARG45247 anti-HSD17B7 antibody at 0.5 µg/ml dilution.