

ARG59742 anti-HSD17B1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HSD17B1
Tested Reactivity	Hu, Rat
Predict Reactivity	Ms, Hm
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HSD17B1
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 29-43 of Human HSD17B1. (QSFKVYATLRDLKTQ)
Conjugation	Un-conjugated
Alternate Names	17-beta-hydroxysteroid dehydrogenase type 1; Placental 17-beta-hydroxysteroid dehydrogenase; HSD17; Estradiol 17-beta-dehydrogenase 1; 17-beta-HSD 1; Short chain dehydrogenase/reductase family 28C member 1; E2DH; 20-alpha-HSD; 20 alpha-hydroxysteroid dehydrogenase; EC 1.1.1.62; SDR28C1; EDH17B2; EDHB17

Application Instructions

Application table	Application	Dilution
	ICC/IF	0.5 - 1 µg/ml
	IHC-P	0.5 - 1 µg/ml
	WB	0.1 - 0.5 µg/ml
Application Note	IHC-P: Antigen Retrieval: By heat mediation. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

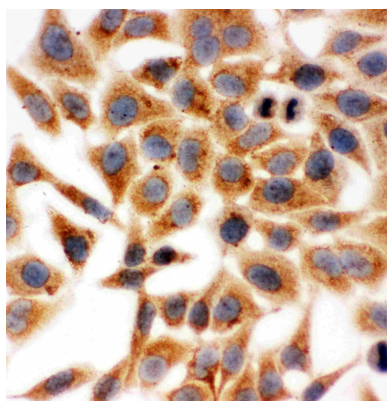
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4, 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml

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

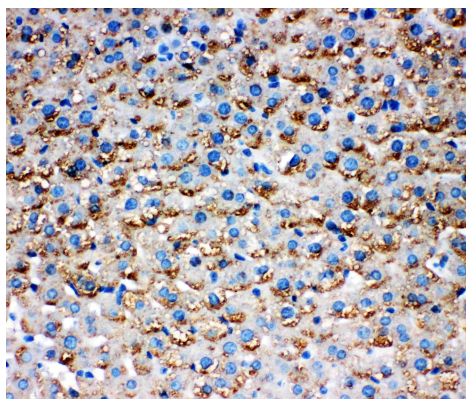
Gene Symbol	HSD17B1
Gene Full Name	hydroxysteroid (17-beta) dehydrogenase 1
Function	Favors the reduction of estrogens and androgens. Also has 20-alpha-HSD activity. Uses preferentially NADH. [UniProt]
Calculated Mw	35 kDa
Cellular Localization	Cytoplasm. [UniProt]

Images



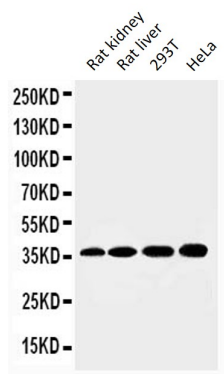
ARG59742 anti-HSD17B1 antibody ICC image

Immunocytochemistry: HeLa cells stained with ARG59742 anti-HSD17B1 antibody.



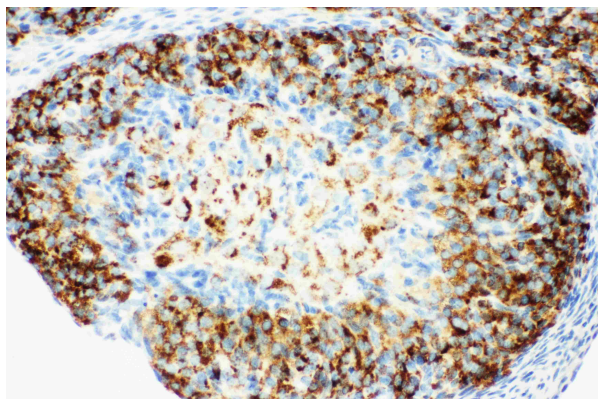
ARG59742 anti-HSD17B1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat liver stained with ARG59742 anti-HSD17B1 antibody.



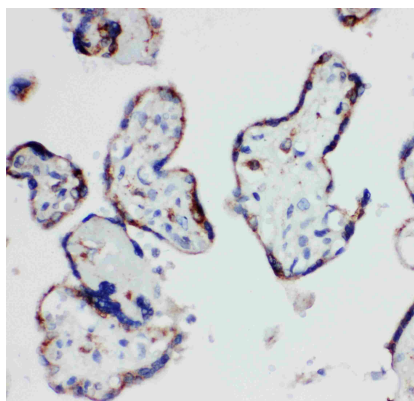
ARG59742 anti-HSD17B1 antibody WB image

Western blot: Rat kidney, Rat liver, 293T and HeLa cell lysates stained with ARG59742 anti-HSD17B1 antibody.



ARG59742 anti-HSD17B1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat ovary stained with ARG59742 anti-HSD17B1 antibody.



ARG59742 anti-HSD17B1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human placenta stained with ARG59742 anti-HSD17B1 antibody.