

ARG59740 anti-HSD17B2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HSD17B2
Tested Reactivity	Hu
Tested Application	IHC-Fr, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HSD17B2
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 373-387 of Human HSD17B2. (MPRALRMPNYKKKAT)
Conjugation	Un-conjugated
Alternate Names	17-beta-hydroxysteroid dehydrogenase type 2; Short chain dehydrogenase/reductase family 9C member 2; EC 1.1.1.239; HSD17; Estradiol 17-beta-dehydrogenase 2; 20-alpha-HSD; 17-beta-HSD 2; Microsomal 17-beta-hydroxysteroid dehydrogenase; E2DH; SDR9C2; 20 alpha-hydroxysteroid dehydrogenase; EC 1.1.1.62; Testosterone 17-beta-dehydrogenase; EDH17B2

Application Instructions

Application table	Application	Dilution
	IHC-Fr	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% Na ₂ HPO ₄ , 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.

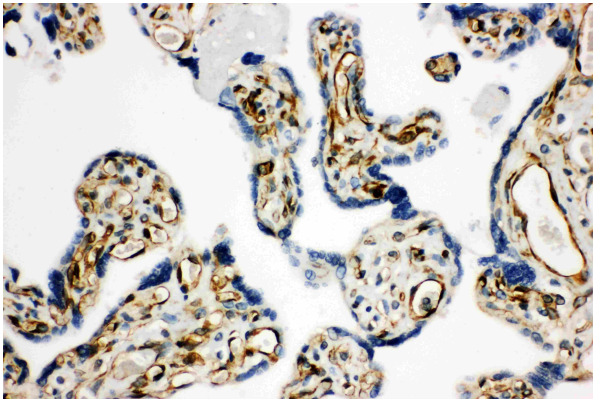
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	HSD17B2
Gene Full Name	hydroxysteroid (17-beta) dehydrogenase 2
Function	Capable of catalyzing the interconversion of testosterone and androstenedione, as well as estradiol and estrone. Also has 20-alpha-HSD activity. Uses NADH while EDH17B3 uses NADPH. [UniProt]
Calculated Mw	43 kDa
Cellular Localization	Membrane; Single-pass type II membrane protein. [UniProt]

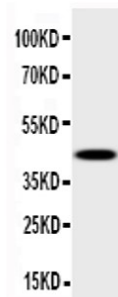
Images



ARG59740 anti-HSD17B2 antibody IHC-P image

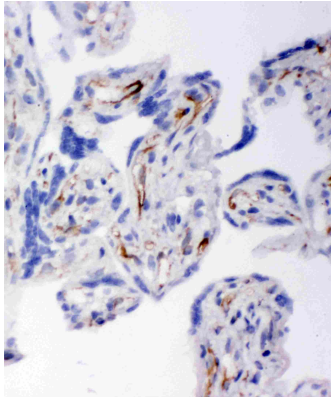
Immunohistochemistry: Paraffin-embedded Human placenta stained with ARG59740 anti-HSD17B2 antibody.

Human placenta



ARG59740 anti-HSD17B2 antibody WB image

Western blot: 50 µg of Human placenta lysate stained with ARG59740 anti-HSD17B2 antibody at 0.5 µg/ml dilution.



ARG59740 anti-HSD17B2 antibody IHC-Fr image

Immunohistochemistry: Frozen section of Human placenta stained with ARG59740 anti-HSD17B2 antibody.