

## 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 <sub>2</sub> HPO <sub>4</sub> , 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.

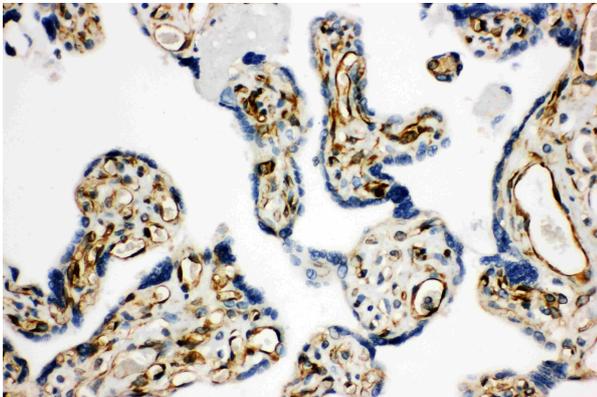
Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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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]

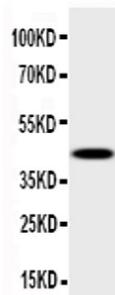
## Images



ARG59740 anti-HSD17B2 antibody IHC-P image

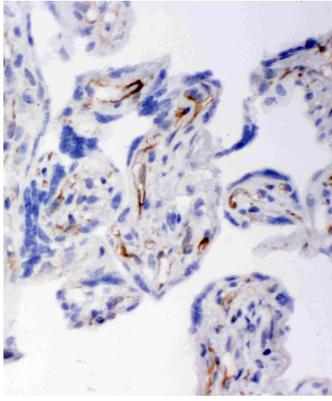
Immunohistochemistry: Paraffin-embedded Human placenta stained with ARG59740 anti-HSD17B2 antibody.

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.