

## Supplementary Table 1

**Supplementary Table S1:** Antibody Information

Antibody	Dilution	Source	Catalogue number	Antigen Retrieval Method	Decidualization Marker Reference
IRX3	1:100	Invitrogen	PA5-35149	EDTA	Herein
HAND2	1:50	Abcam	ab200040	Citrate	Li Q et al (2011) <b>Science</b> 331: 912-916 Huyen DV, Bany BM (2011) <b>Reproduction</b> 142: 353-68 Yu HF et al (2018) <b>J Cell Physiol</b> 233: 1612-1626
IGFBP4	1:100	Invitrogen	PA5-76185	Citrate	Henemyre C, Markoff E (1998) <b>Biol Reprod</b> 58: 801-6 Davila J et al (2015) <b>PLOS Genetics</b> 11:e1005458
CD31	1:200	Abcam	ab182981	EDTA	Das A et al (2009) <b>Proc Natl Acad Sci</b> 106:12542-7 Lee SH et al (2017) <b>Reproduction</b> 154: 595-605
GJA1	1:250	Abcam	ab11370	Citrate	Laws MJ et al <b>Development</b> 135: 2659-2668 Das A et al (2009) <b>Proc Natl Acad Sci</b> 106:12542-7