

Supplementary Material

Amino acid transporter expression in the endometrium and conceptus membranes during early equine pregnancy

Charlotte Gibson^{A,B}, Marta de Ruijter-Villani^A, Jolanda Rietveld^A and Tom A. E. Stout^A

^ADepartment of Equine Sciences, Faculty of Veterinary Medicine, Utrecht University, Yalelaan 114, 3584 CM Utrecht, Netherlands.

^BCorresponding author. Email: c.m.e.gibson@uu.nl

Table S1. Information about the molecular weight of LAT4, ASCT2 and CAT2 proteins

Predicted molecular weight was obtained from the predicted protein sequence (equine) and the protein sequence (human); molecular weight of the protein was estimated from the size of the bands obtained by Western Blot (equine endometrium and human tissue); predicted size of the bands was indicated by the suppliers for each antibody used

Protein	Predicted molecular weight (equine)	Predicted molecular weight (human)	Estimated molecular weight of Western Blot bands (equine endometrium)	Estimated molecular weight of Western Blot bands (human tissue)	Supplier's predicted size
LAT4 (<i>SLC43A2</i>)	63 kDa	53 kDa	Around 50 kDa Around 37 kDa	52–66 kDa (Bodoy <i>et al.</i> 2005)	63 kDa
ASCT2 (<i>SLC1A5</i>)	56 kDa	Between 33 and 56 kDa	Between 64 and 49 kDa	50–75 kDa (Console <i>et al.</i> 2015; Van Geldermalsen <i>et al.</i> 2016)	60 kDa
CAT2 (<i>SLC7A2</i>)	71 kDa	71 kDa	Around 50–60 kDa	Around 75 kDa (Visigalli <i>et al.</i> 2007)	72 kDa

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