

Supplementary Materials:

Supplementary information 1:

The following layout was used for each AGAT and GAMT westerns. Control samples are highlighted in red and PE samples in black. Please note, a third cohort of FGR samples were also run on these gels (sample IDs in blue). These data are a part of a subsequent study.

Table S1. Sample Order of Western Blot Gels for AGAT and GAMT Analysis

Gel One		Gel Two		Gel Three	
Lane	Samples	Lane	Samples	Lane	Samples
1	<i>ladder</i>	1	<i>ladder</i>	1	<i>ladder</i>
2	I18	2	N11	2	12862
3	7845	3	I24	3	N18
4	8027	4	PE-A	4	PE-14
5	8193	5	PE-12	5	I28
6	I25	6	I10	6	N25
7	8212	7	PE-9	7	N10
8	I26	8	N14	8	PE-C
9	8008	9	I27	9	8160
10	I12	10	I14	10	PE-E
11	PE-6	11	8348	11	N9
12	N6	12	N24	12	PE-D
13	N23	13	8059	13	N3
14	8187	14	N69	14	I21
15	PE-13	15	I30	15	I11
16	N15	16	PE-16	16	I1
17	I19	17	I3	17	I34
18	N1	18	I17	18	<i>Ladder</i>
19	N19	19	8107	19	-
20	<i>Ladder</i>	20	<i>Ladder</i>	20	<i>Brain lysate</i>
21	-	21	-	21	-
22	<i>Control Placenta</i>	22	<i>Control Placenta</i>	22	<i>Control Placenta</i>
23	-	23	-	23	-
24	<i>Liver lysate</i>	24	<i>Liver lysate</i>	24	<i>ladder</i>
25	-	25	-	25	
26	<i>ladder</i>	26	<i>ladder</i>	26	

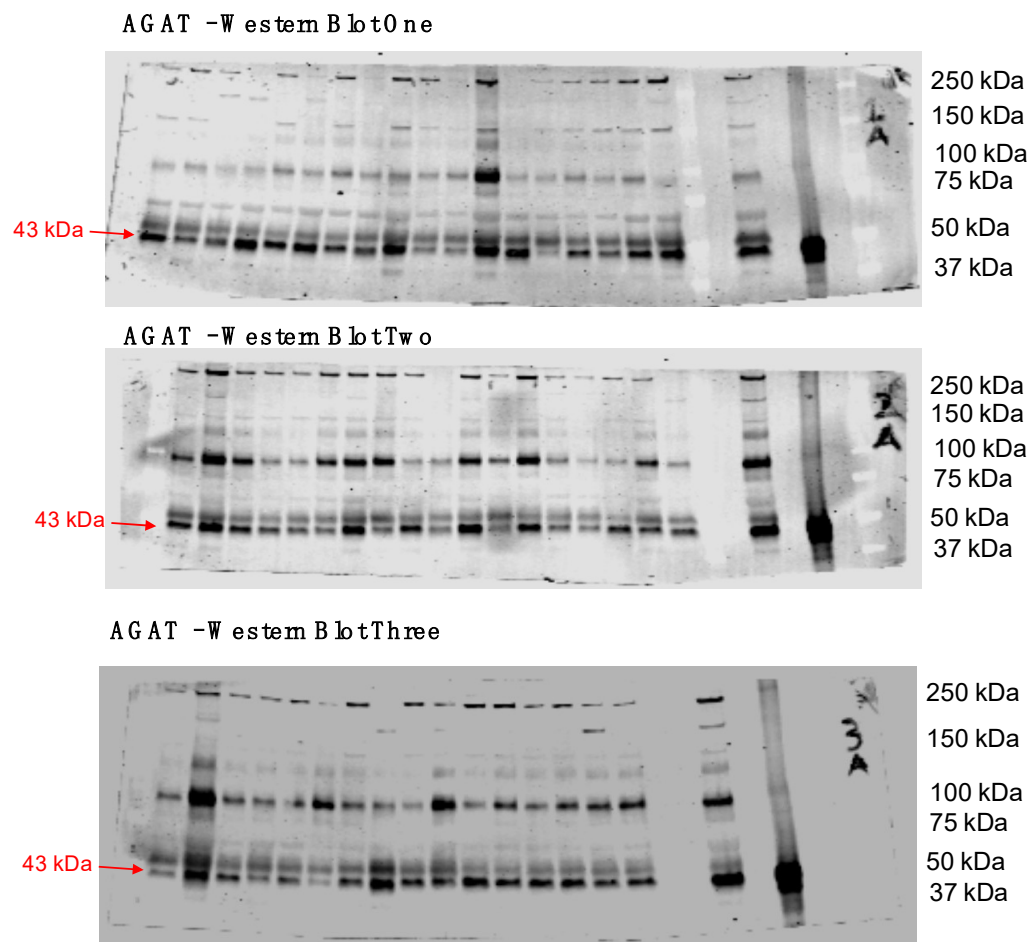


Figure S1. AGAT Western Blots

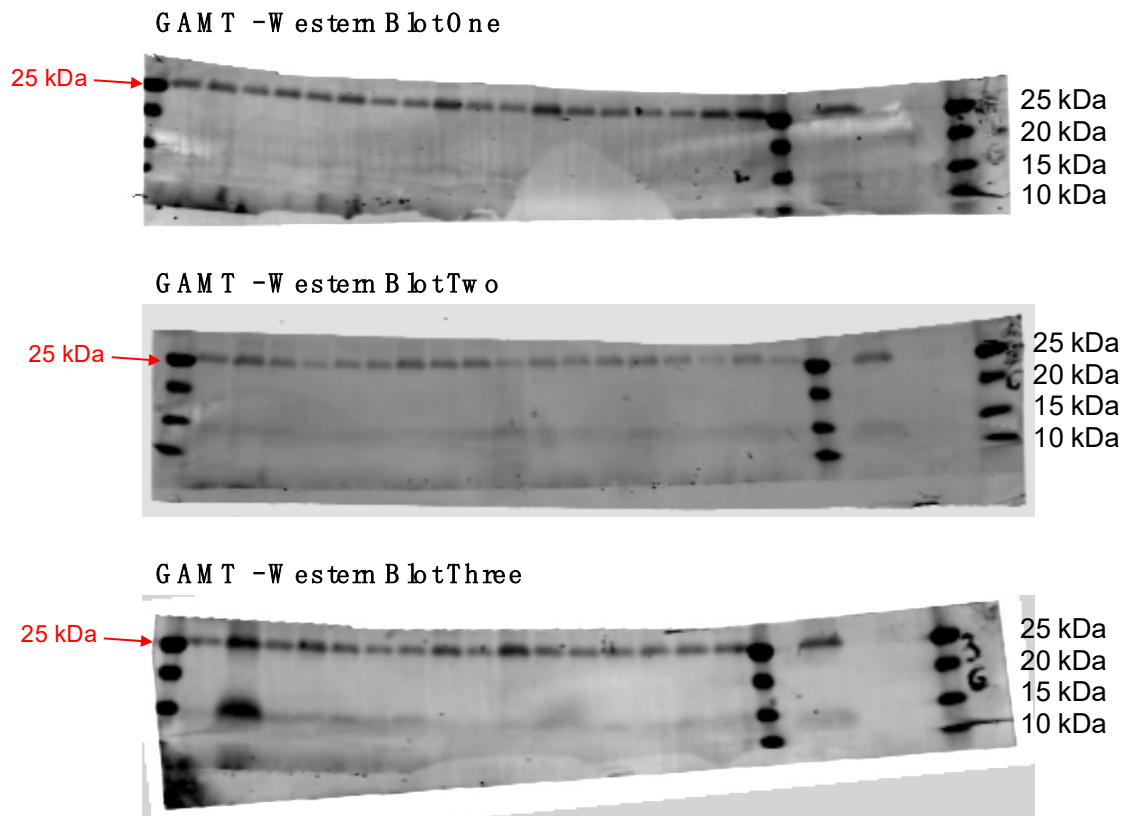


Figure S2. GAMT Western Blots

Supplementary information 2:

The following layout was used for each BBCK and CKMT1A westerns. Control samples are highlighted in red and PE samples in black. Please note, a third cohort of FGR samples were also run on these gels (sample IDs in blue). These data are a part of a subsequent study.

Table S2. Sample Order of Western Blot Gels for BBCK and CKMT1A Analysis

Gel One		Gel Two		Gel Three	
Lane	Samples	Lane	Samples	Lane	Samples
1	<i>ladder</i>	1	<i>ladder</i>	1	<i>ladder</i>
2	I18	2	N11	2	12862
3	7845	3	I24	3	N18
4	8027	4	PE-A	4	PE-14
5	8193	5	PE-12	5	I28
6	I25	6	I10	6	N25
7	8212	7	PE-9	7	N10
8	I26	8	N14	8	PE-C
9	8008	9	I27	9	8160
10	I12	10	I14	10	PE-E
11	PE-6	11	8348	11	N9
12	N6	12	N24	12	PE-D
13	N23	13	8059	13	N3
14	8187	14	N69	14	I21
15	PE-13	15	I30	15	I11
16	N15	16	PE-16	16	I1
17	I19	17	I3	17	I34
18	N1	18	I17	18	<i>Ladder</i>
19	N19	19	8107	19	-
20	<i>Ladder</i>	20	<i>Ladder</i>	20	<i>Control Placenta</i>
21	-	21	-	21	-
22	<i>Control Placenta</i>	22	<i>Control Placenta</i>	22	<i>Brain Lysate</i>
23	-	23	-	23	-
24	<i>Brain lysate</i>	24	<i>Brain lysate</i>	24	<i>ladder</i>
25	-	25	-	25	
26	<i>ladder</i>	26	<i>ladder</i>	26	

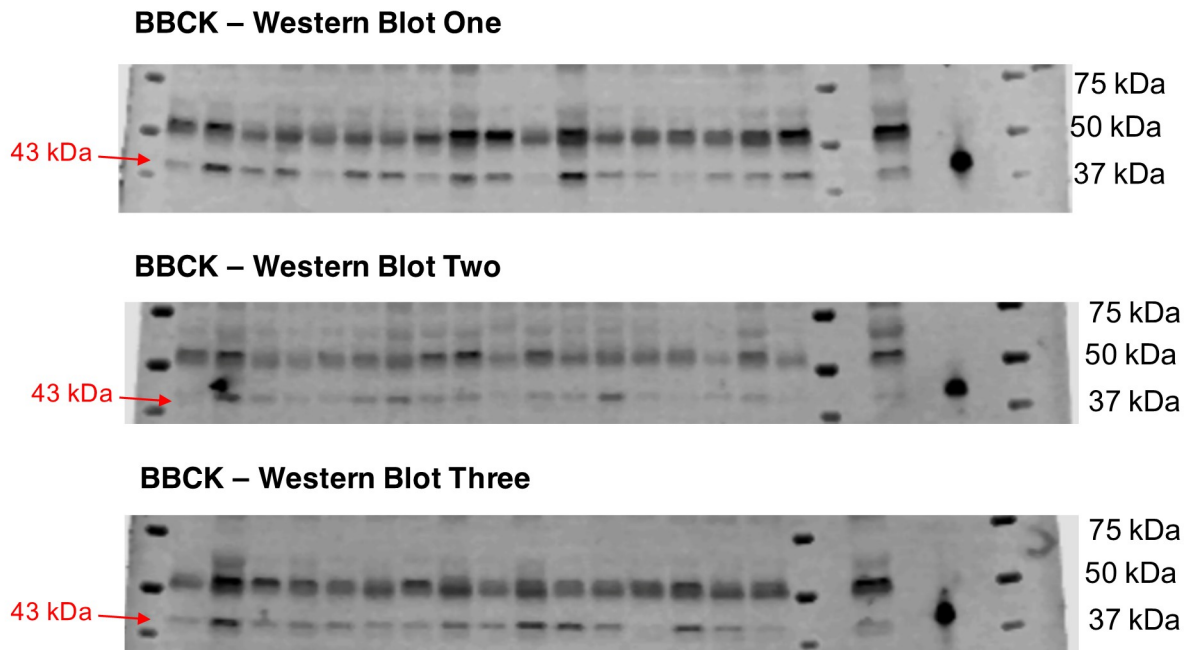


Figure S3. BBCK Western Blots

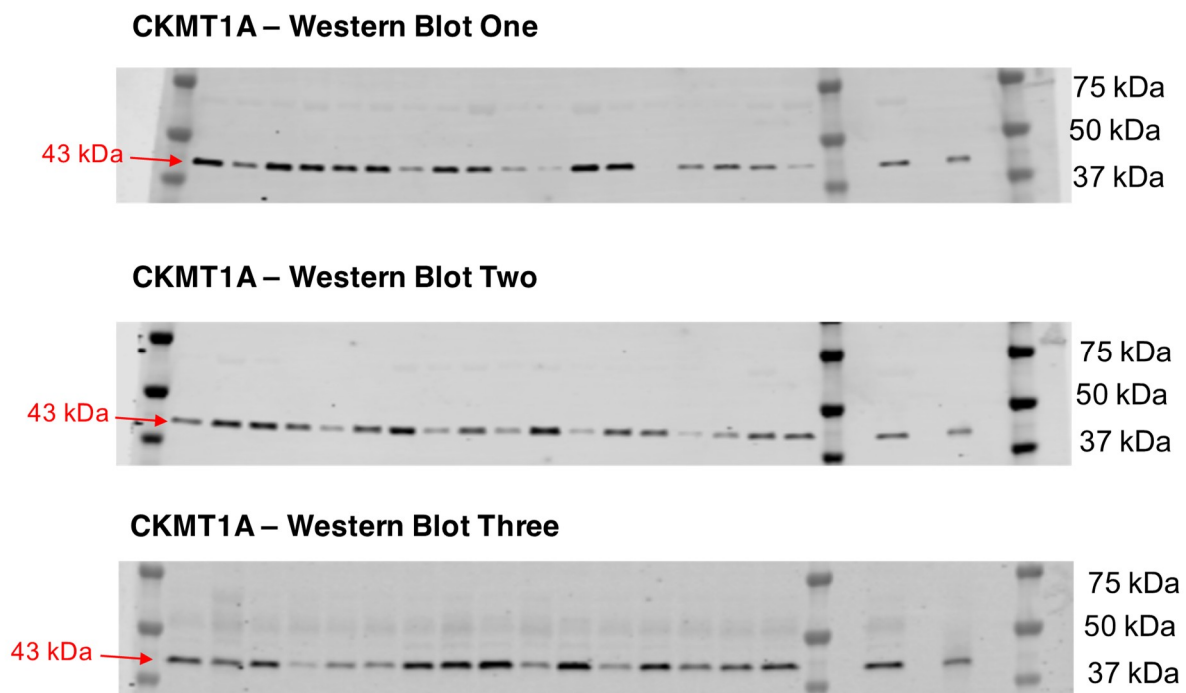


Figure S4. CKMT1A Western Blots