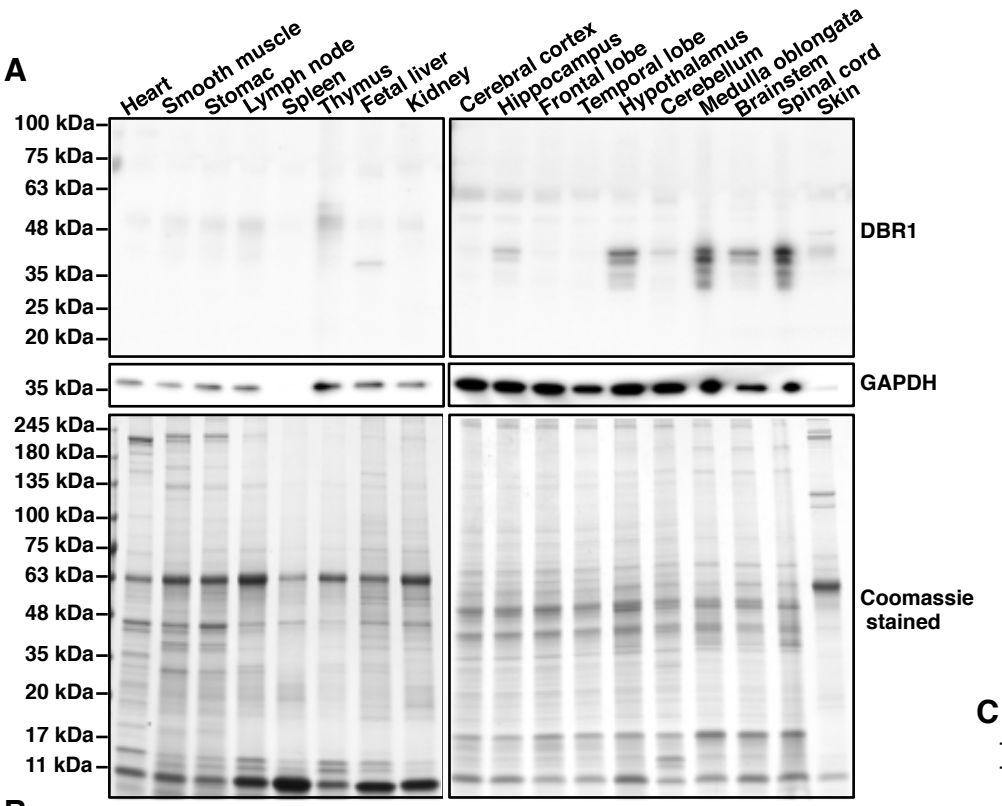
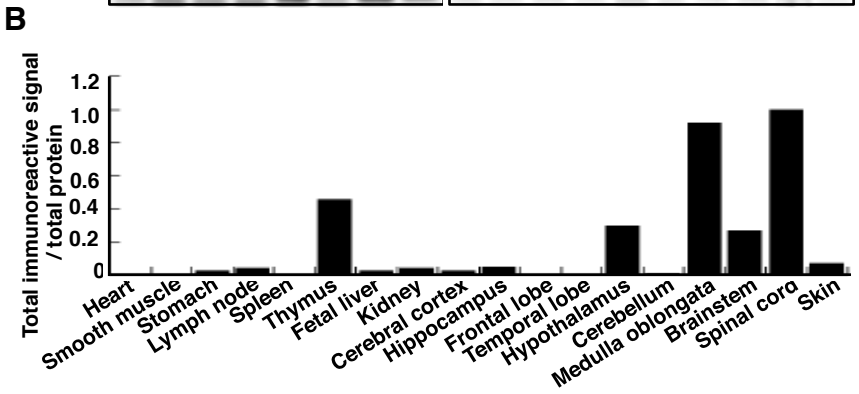
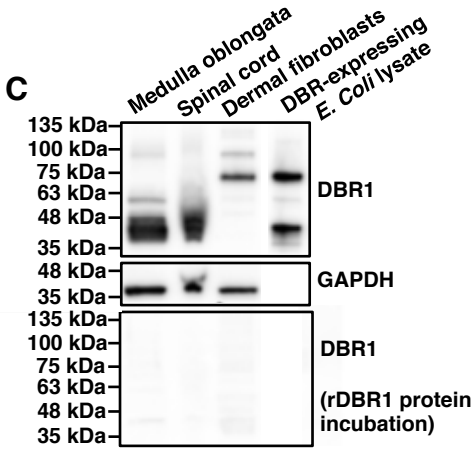
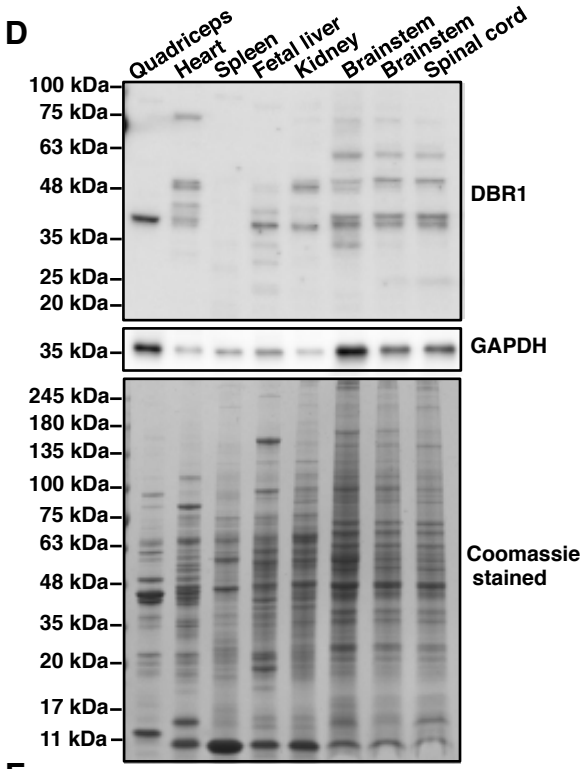
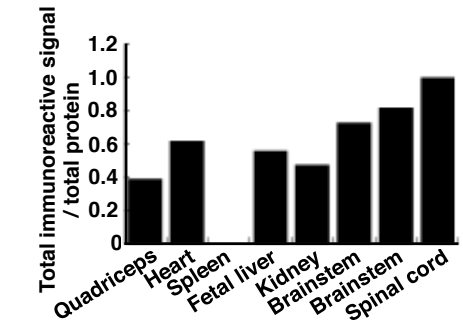
Figure S2


A
Heart
Smooth muscle
Stomac
Lymph node
Spleen
Thymus
Fetal liver
Kidney
Cerebral cortex
Hippocampus
Frontal lobe
Temporal lobe
Hypothalamus
Cerebellum
Medulla oblongata
Brainstem
Spinal cord
Skin
100 kDa
75 kDa
63 kDa
48 kDa
35 kDa
25 kDa
20 kDa
DBR1
35 kDa
GAPDH
245 kDa
180 kDa
135 kDa
100 kDa
75 kDa
63 kDa
48 kDa
35 kDa
20 kDa
17 kDa
11 kDa
Coomassie stained


B
Total immunoreactive signal / total protein
1.2
1.0
0.8
0.6
0.4
0.2
0
Heart
Smooth muscle
Stomach
Lymph node
Spleen
Thymus
Fetal liver
Kidney
Cerebral cortex
Hippocampus
Frontal lobe
Temporal lobe
Hypothalamus
Cerebellum
Medulla oblongata
Brainstem
Spinal cord
Skin


C
Medulla oblongata
Spinal cord
Dermal fibroblasts
DBR-expressing E. Coli lysate
135 kDa
100 kDa
75 kDa
63 kDa
48 kDa
35 kDa
DBR1
48 kDa
35 kDa
GAPDH
135 kDa
100 kDa
75 kDa
63 kDa
48 kDa
35 kDa
DBR1
(rDBR1 protein incubation)


D
Quadriceps
Heart
Spleen
Fetal liver
Kidney
Brainstem
Brainstem
Spinal cord
100 kDa
75 kDa
63 kDa
48 kDa
35 kDa
25 kDa
20 kDa
DBR1
35 kDa
GAPDH
245 kDa
180 kDa
135 kDa
100 kDa
75 kDa
63 kDa
48 kDa
35 kDa
20 kDa
17 kDa
11 kDa
Coomassie stained


E
Total immunoreactive signal / total protein
1.2
1.0
0.8
0.6
0.4
0.2
0
Quadriceps
Heart
Spleen
Fetal liver
Kidney
Brainstem
Brainstem
Spinal cord