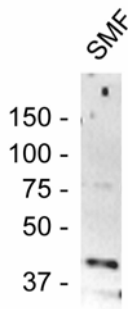




## Anti Monocarboxylate Transporter 2 (MCT2) Polyclonal Antibody

Catalog No. YCU-M-MCT2A

Lot number	YC-001
Host animal	Rabbit
Immunogen	Mouse Monocarboxylate transporter 2 (MCT2) (peptide corresponding to amino acids 2-19)
Purity	Immunogen affinity purified
Concentration	0.64mg/ml
Volume	200ul
Formulation	PBS (pH7.4) with 0.1% NaN <sub>3</sub> as a preservative.
Cross Reactivity	Reacts with Mouse. Not yet tested other species.
Application/ Recommended concentration	• <b>Western Blot:</b> 1/1,000-1/2,000. Predicted molecular weight: about 43 kDa
	 <p>Mouse cerebellum synaptic membrane fraction (SMF) was resolved by electrophoresis, transferred to PVDF and probed with anti-mouse monocarboxylate transporter 2 antibody. Proteins were visualized using a goat anti-rabbit secondary antibody conjugated to HRP and chemiluminescence detection system.</p>
Storage	Store below -20°C (below -70°C for prolonged storage). Aliquot to avoid cycles of freeze/thaw.
Reference	Watanabe-Kaneko, K., et al. 2007, The synaptic scaffolding protein Delphilin interacts with monocarboxylate transporter 2. <i>Neuroreport.</i> 18 (5): 489-493.

For research use only; not for use as a diagnostic.

モノカルボン酸トランスポーター (MCT) はH<sup>+</sup> (プロトン) と共役することで、主に乳酸、ピルビン酸を輸送する膜タンパク質である。MCT2は12回膜貫通部位をもち、そのN末端、C末端は細胞質内に存在する。MCT2は特に肝臓、精巣に発現がみられる。本抗体は、MCT2のN末端2から19残基のペプチドを抗原とする。

