

MCT4 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP05291

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human MOT4. AA range:233-282

Mol wt 49469

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name MCT4 Antibody

Synonyms SLC16A3; MCT4; Monocarboxylate transporter 4; MCT 4; Solute carrier family 16 member 3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

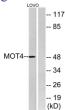
Lactic acid and pyruvate transport across plasma membranes is catalyzed by members of the proton-linked monocarboxylate transporter (MCT) family, which has been designated solute carrier family-16. Each MCT appears to have slightly different substrate and inhibitor specificities and transport kinetics, which are related to the metabolic requirements of the tissues in which it is found. The MCTs, which include MCT1 (SLC16A1; MIM 600682) and MCT2 (SLC16A7; MIM 603654), are characterized by 12 predicted transmembrane domains.

Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 40000

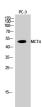
Not yet tested in other applications.

Images

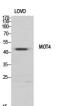


Western blot analysis of lysates from LOVO cells, using MOT4 Antibody. The lane on the right is blocked with

the synthesized peptide.



Western Blot analysis of PC-3 cells using MCT4 Polyclonal Antibody diluted at 1:500



Western Blot analysis of various cells using MCT4 Polyclonal Antibody diluted at 1:500

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com