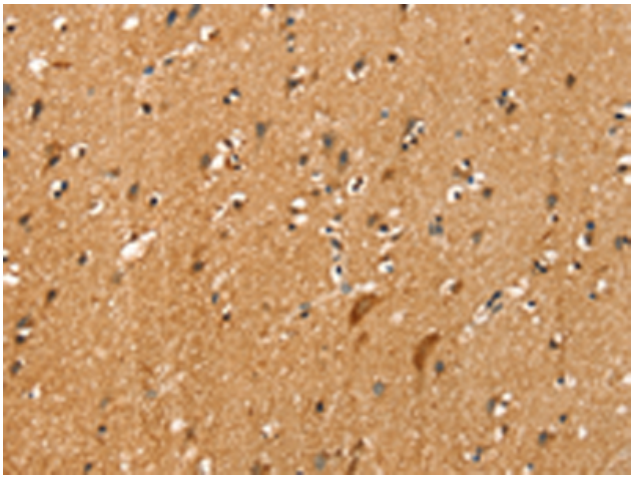
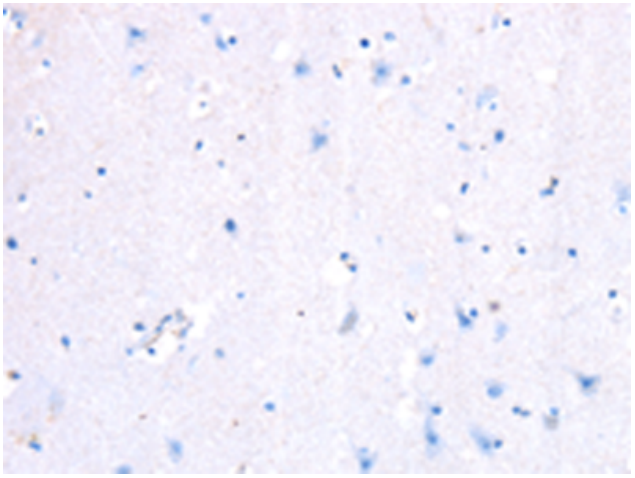
SLC16A3 RABBIT PAB

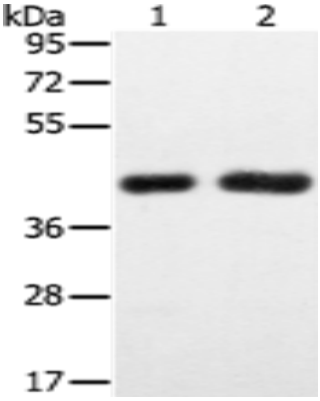
Cat.#: S220915
Product Name: Anti-SLC16A3 Rabbit Polyclonal Antibody
Synonyms: MCT3; MCT4; MCT 3; MCT 4; MCT-3; MCT-4
UNIPROT ID: O15427 (Gene Accession - NP_004198)
Background: Lactic acid and pyruvate transport across plasma membranes is catalyzed by members of the proton-linked monocarboxylate transporter (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.
Immunogen: Synthetic peptide of human SLC16A3
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 20-100;WB: 200-1000;ELISA: 1000-2000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human, Mouse, Rat
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Metabolism, Cancer
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human brain tissue using 220915(SLC16A3 Antibody) at a dilution of 1/20(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 220915(Anti-SLC16A3 Antibody) at dilution 1/20.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-2: Hepg2 cells, PC3 cells;
Primary antibody: 220915(SLC16A3 Antibody) at dilution 1/200;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 4 minutes