EB05131 - Goat Anti-SLC16A7 / MCT2 Antibody
Size: 100µg specific antibody in 200µl

Target Protein
Principal Names: SLC16A7, solute carrier family 16 (monocarboxylic acid transporters), member 7, MCT2, monocarboxylate transporter 2, solute carrier family 16, member 7 (monocarboxylic acid transporter 2), solute carrier family 16, member 7
Official Symbol: SLC16A7
Accession Number(s): NP_004722.2
Human GeneID(s): 9194

Immunogen
Peptide with sequence C-SNAQSVTSERETNI, from the C Terminus of the protein sequence according to NP_004722.2.

Please note the peptide is available for sale.

Purification and Storage
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested
Peptide ELISA: antibody detection limit dilution 1:128000.
Western blot: Approx 40-45kDa band observed in A549, lung epithelial (lung carcinoma) lysates (calculated MW of 52.2 kDa according to NP_004722). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concentration: 1-3µg/ml.
IHC: Paraffin embedded Human Testis. Recommended concentration: 2.5µg/ml.

Species Reactivity
Tested: Human
Expected from sequence similarity: Human

EB05131 (1µg/ml) staining of A549 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB05131 (2.5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.