

Goat anti-SLC16A7 / MCT2 Antibody

Item Number	dAP-0506
Target Molecule	Principle Name: SLC16A7 / MCT2; Official Symbol: SLC16A7; All Names and Symbols: 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; Accession Number (s): NP_004722.2; Human Gene ID(s): 9194; Non-Human GenelD(s):
Immunogen	SNAQSVTSERETNI, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 40-45kDa band observed in A549, lung epithelial (lung carcinoma) lysates (calculated MW of 52.2 kDa according to NP_004722). Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): Lin RY, Vera JC, Chaganti RS, Golde DW. Human monocarboxylate transporter 2 (MCT2) is a high affinity pyruvate transporter. J Biol Chem. 1998 Oct 30;273(44):28959-65. PMID: 9786900->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**