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SP1359P

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Polyclonal Antibody to MCT1

Catalog No.:	SP1359P
Quantity:	0.1 mg
Concentration:	0.5 mg/ml
Host:	Goat
Immunogen:	Peptide sequence DTEGGPKKEESPV corresponding to the C-terminus of MCT1 (NP_003042).
Applications:	Western blot: 0.2 - 2 µg/ml. This antibody detects a band of approximately 55-60kDa in Raji cell lysates. A minimum incubation time of 1 hour is recommended with this antibody. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises human monocarboxylate transporter 1 (MCT1), an intergral membrane protein that is widely expressed. MCT1 is a member of the solute carrier family 16 and may be referred to as SLC16A1. Reacts with human. Antibody reactivity and working conditions may vary between species.
Storage:	Store the antibody at 4-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Poole, R. C. et al. (1996). Studies of the membrane topology of rat erythrocyte H ⁺ /lactate cotransporter (MCT1). <i>Biochem. J.</i> 1320: 817 - 24. PMID: 9003367. LocusLink ID - 6566 GenBank Accession