

SLC16A4 Rabbit pAb

Catalog # AP97259

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q15374
Other Accession	Q15374
Predicted	Rat, Pig, Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54022
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SLC16A4
Epitope Specificity	21-100/487
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the major facilitator superfamily. Monocarboxylate porter (TC 2.A.1.13) family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the monocarboxylate transporter family and the major facilitator superfamily. The encoded protein is localized to the cell membrane and acts as a proton-linked transporter of bumetanide. Transport by the encoded protein is inhibited by four loop diuretics, nateglinide, thiazides, probenecid, and glibenclamide. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]

Additional Information

Gene ID	9122
Other Names	MCT5; MCT6; MOT5_HUMAN; SLC16A4; MCT 5; Monocarboxylate transporter 4 (MCT 4); Solute carrier family 16 member 4; MCT4; MOT6_HUMAN; SLC16A5; MCT 6; Monocarboxylate transporter 5 (MCT 5); Solute carrier family 16 member 5; solute carrier family 16 (monocarboxylic acid transporters), member 4; solute carrier family 16, member 4 (monocarboxylic acid transporter 5); solute carrier family 16, member 4
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	SLC16A4 (HGNC:10925)
Synonyms	MCT4, MCT5
Function	Probable monocarboxylate transporter.
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:Q6ZSM3}; Multi-pass membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.