

ARG41150 anti-SLC16A4 / MCT4 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SLC16A4 / MCT4
Tested Reactivity	Hu, Rat
Predict Reactivity	Ms, Bov
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SLC16A4 / MCT4
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 134-148 of Human SLC16A4 / MCT4. (VVTTKYFKRLALST)
Conjugation	Un-conjugated
Alternate Names	MCT 5; MCT 4; Solute carrier family 16 member 4; Monocarboxylate transporter 4; Monocarboxylate transporter 5; MCT4; MCT5

Application Instructions

Application table	Application	Dilution
	IHC-P	1:200 - 1:1000
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	54 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na2HPO4, 0.9% NaCl, 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

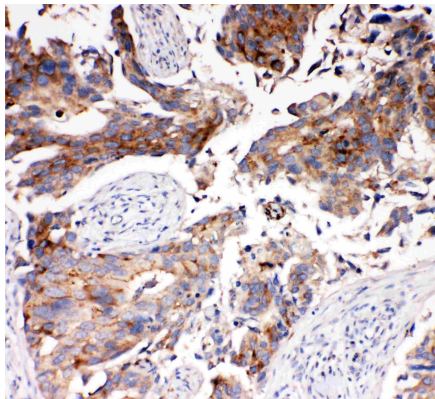
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

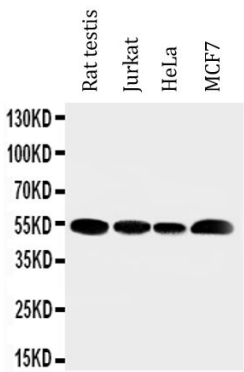
Gene Symbol	SLC16A4
Gene Full Name	solute carrier family 16, member 4
Function	Proton-linked monocarboxylate transporter. Catalyzes the rapid transport across the plasma membrane of many monocarboxylates such as lactate, pyruvate, branched-chain oxo acids derived from leucine, valine and isoleucine, and the ketone bodies acetoacetate, beta-hydroxybutyrate and acetate (By similarity). [UniProt]
Calculated Mw	54 kDa
Cellular Localization	Cell membrane; Multi-pass membrane protein. [UniProt]

Images



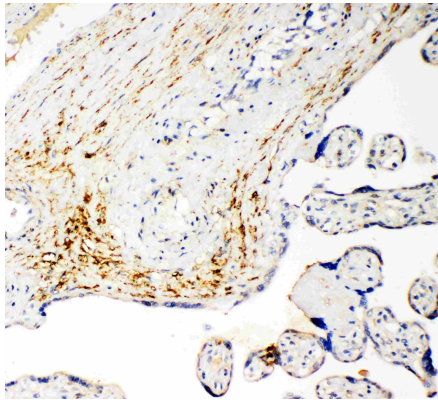
ARG41150 anti-SLC16A4 / MCT4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human mammary cancer tissue stained with ARG41150 anti-SLC16A4 / MCT4 antibody.



ARG41150 anti-SLC16A4 / MCT4 antibody WB image

Western blot: Rat testis, Jurkat, HeLa and MCF7 cell lysates stained with ARG41150 anti-SLC16A4 / MCT4 antibody.



ARG41150 anti-SLC16A4 / MCT4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human placenta cancer tissue stained with ARG41150 anti-SLC16A4 / MCT4 antibody.