

ARG59095 anti-SLC19A1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SLC19A1
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SLC19A1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 452-591 of Human SLC19A1 (NP_919231.1).
Conjugation	Un-conjugated
Alternate Names	Reduced folate carrier protein; FOLT; Folate transporter 1; IFC-1; IFC1; CHMD; Placental folate transporter; RFC1; Intestinal folate carrier 1; RFC; Solute carrier family 19 member 1; REFC

Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1:500 - 1:1000</td></tr> </table>	Application	Dilution	WB	1:500 - 1:1000
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WB	1:500 - 1:1000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	U87				
Observed Size	65kDa				

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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	SLC19A1
Gene Full Name	solute carrier family 19 (folate transporter), member 1
Background	The membrane protein encoded by this gene is a transporter of folate and is involved in the regulation of intracellular concentrations of folate. Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2011]
Function	Transporter for the intake of folate. Uptake of folate in human placental choriocarcinoma cells occurs by a novel mechanism called potocytosis which functionally couples three components, namely the folate receptor, the folate transporter, and a V-type H(+)-pump. [UniProt]
Calculated Mw	65 kDa
PTM	Heavily glycosylated. [UniProt]
Cellular Localization	Membrane; Multi-pass membrane protein. [UniProt]

Images



ARG59095 anti-SLC19A1 antibody WB image

Western blot: 25 µg of U87 cell lysate stained with ARG59095 anti-SLC19A1 antibody at 1:3000 dilution.