

Rabbit anti-Human SLC19A1 Polyclonal Antibody | anti-SLC19A1 antibody

SLC19A1 antibody - N-terminal region

CATALOG # AAA199387	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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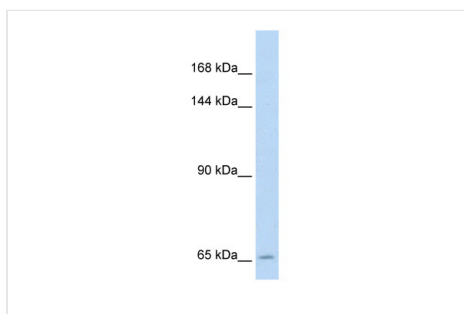
PRODUCT SYNONYMS

SLC19A1; Polyclonal Antibody; SLC19A1 antibody - N-terminal region; anti-SLC19A1 antibody

PRODUCT SPECIFICATIONS

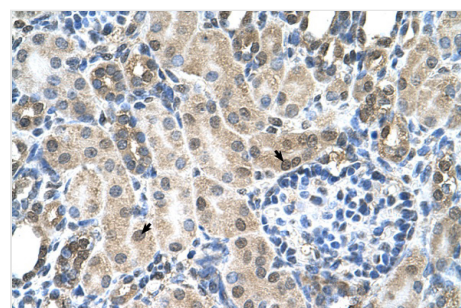
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MV PSSPAVEKQV PVEPGDPDEL RSWRHLVCYL CFYGFMAQIR PGESFITP
Sequence Length	591
Applicable Applications for anti-SLC19A1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SLC19A1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-SLC19A1 Antibody Titration: 5.0ug/ml Positive Control: Jurkat cell lysate SLC19A1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-SLC19A1 antibody	This is a rabbit polyclonal antibody against SLC19A1. It was validated on Western Blot and immunohistochemistry Target Description: Transport of folate compounds into mammalian cells can occur via receptor-mediated or carrier-mediated mechanisms. A functional coordination between these 2 mechanisms has been proposed to be the method of folate uptake in certain cell types. Methotrexate (MTX) is an antifolate chemotherapeutic agent that is actively transported by the carrier-mediated uptake system. SLC19A1 plays a role in maintaining intracellular concentrations of folate. Transport of folate compounds into mammalian cells can occur via receptor-mediated (see MIM 136430) or carrier-mediated mechanisms. A functional coordination between these 2 mechanisms has been proposed to be the method of folate uptake in certain cell types. Methotrexate (MTX) is an antifolate chemotherapeutic agent that is actively transported by the carrier-mediated uptake system. RFC1 plays a role in maintaining intracellular concentrations of folate.[supplied by OMIM].
Product Categories/Family for anti-SLC19A1 antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	34808710
NCBI GeneID	6573
NCBI Accession #	NP_919231
NCBI GenBank Nucleotide #	NM_194255
UniProt Accession #	P41440
Molecular Weight	65kDa
NCBI Official Full Name	folate transporter 1 isoform 1
NCBI Official Synonym Full Names	solute carrier family 19 member 1
NCBI Official Symbol	SLC19A1
NCBI Official Synonym Symbols	RFC; CHMD; FOLT; IFC1; REFC; RFC1; IFC-1
NCBI Protein Information	folate transporter 1
UniProt Protein Name	Folate transporter 1
UniProt Gene Name	SLC19A1
UniProt Synonym Gene Names	FLOT1; RFC1; FOLT; IFC-1; RFC
UniProt Entry Name	S19A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.