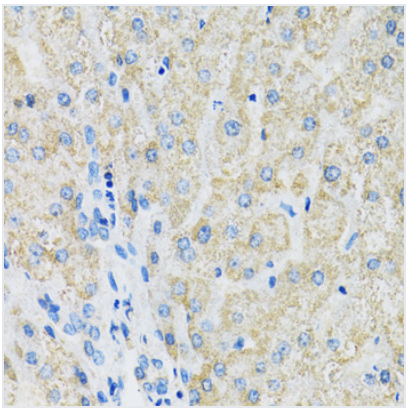
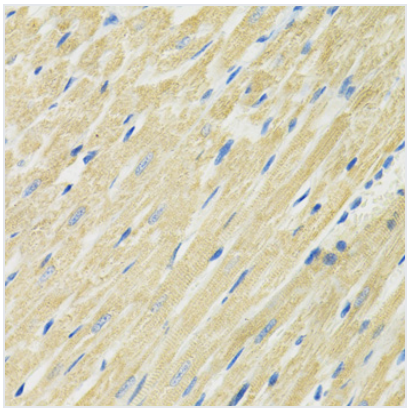
SLC19A1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

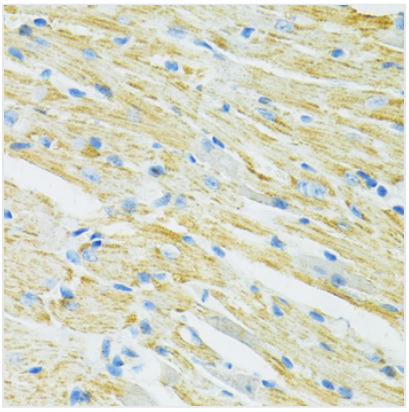
Product Name	SLC19A1, Polyclonal Antibody
Full Product Name	SLC19A1 Polyclonal Antibody
Product Gene Name	anti-SLC19A1 antibody
Product Synonym Names	CHMD; FOLT; IFC1; REFC; RFC1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Form/Format	PBS with 0.01% thimerosal,50% glycerol,pH7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.
Molecular Weight	Observed MW: 65kDa Calculated MW: 65kDa
OMIM	U15939 mRNA
3D Structure	ModBase 3D Structure for P41440
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 452-591 of human SLC19A1 (NP_919231.1).
Species Reactivity/Cross Reactivity	Human, Mouse, Rat
Product Categories/Family for anti-SLC19A1 antibody	Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SLC19A1 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-SLC19A1 antibody	WB: 1:500 - 1:2000
Related Product Information for anti-SLC19A1 antibody	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.
Other Notes	Small volumes of anti-SLC19A1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SLC19A1 purchase	MBS9134642 is an antibody targeting SLC19A1. Also known as SLC19A1 Polyclonal Antibody. Host: Rabbit.



Immunohistochemistry (IHC) of anti-SLC19A1 antibody
Immunohistochemistry of paraffin-embedded human liver using SLC19A1 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry (IHC) of anti-SLC19A1 antibody
Immunohistochemistry of paraffin-embedded rat heart using SLC19A1 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry (IHC) of anti-SLC19A1 antibody
Immunohistochemistry of paraffin-embedded mouse heart using SLC19A1 antibody at dilution of 1:100 (40x lens).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SLC19A1. It may not necessarily be applicable to this product.

NCBI GI #	327199314
NCBI GeneID	6573
NCBI Accession #	NP_001192135.1
UniProt Primary Accession #	P41440
UniProt Secondary Accession #	O00553; O60227; Q13026; Q9BTX8; B2R7U8; B7Z8C3; E9PFY4
UniProt Related Accession #	P41440
GenBank Nucleotide #	NM_001205206.2
NCBI Official Full Name	folate transporter 1 isoform 2
NCBI Official Synonym Full Names	solute carrier family 19 member 1
NCBI Official Symbol	SLC19A1
NCBI Official Synonym Symbols	CHMD; FOLT; IFC1; REFC; RFC1
UniProt Protein Name	Folate transporter 1
UniProt Synonym Protein Names	Intestinal folate carrier 1; IFC-1; Placental folate transporter; Reduced folate carrier protein; RFC; Solute carrier family 19 member 1

UniProt Gene Name	SLC19A1
UniProt Synonym Gene Names	FLOT1; RFC1; FOLT; IFC-1; RFC
NCBI Protein Information	folate transporter 1
UniProt Comments for SLC19A1	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.
Research Articles on SLC19A1	**1.** Among the analysed polymorphisms, only the reduced folate carrier 1 (RFC1; SLC19A1) gene 80G>A polymorphism influenced the survival rate in primary liver cancers.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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