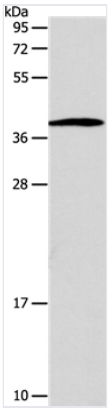
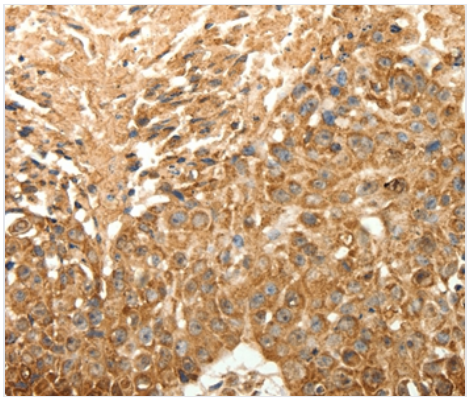
SLC25A11 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SLC25A11, Polyclonal Antibody
Full Product Name	SLC25A11 Antibody
Product Gene Name	anti-SLC25A11 antibody
Product Synonym Names	OGC; SLC20A4
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Purity/Purification	Antigen affinity purification.
Concentration	1.2 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total SLC25A11 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	28,494 Da
OMIM	604165
3D Structure	ModBase 3D Structure for Q02978
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11
Target Name	SLC25A11
Product Categories/Family for anti-SLC25A11 antibody	Total protein Ab
Applications Tested/Suitable for anti-SLC25A11 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-SLC25A11 antibody	Western blotting: 1:500-1:2000 Immunohistochemistry: 1:25-1:100
Related Product Information for anti-SLC25A11 antibody	The oxoglutarate/malate carrier transports 2-oxoglutarate across the inner membranes of mitochondria in an electroneutral exchange for malate or other dicarboxylic acids, and plays an important role in several metabolic processes, contains the malate-aspartate shuttle, the oxoglutarate/isocitrate shuttle, in gluconeogenesis from lactate, and in nitrogen metabolism.
Other Notes	Small volumes of anti-SLC25A11 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 SLC25A11 purchase	MBS9401953 is an antibody targeting SLC25A11. Also known as SLC25A11 Antibody. Reactive in Human. Host: Rabbit.



Testing Data of anti-SLC25A11 antibody
Gel: 12%SDS-PAGE Lysates (from left to right): Human lymphoma tissue Amount of lysate: 40ug per lane Primary antibody: 1/600 dilution Secondary antibody dilution: 1/8000 Exposure time: 20 seconds



Immunohistochemistry (IHC) of anti-SLC25A11 antibody
Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using at dilution 1/30.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SLC25A11. It may not necessarily be applicable to this product.

NCBI GI #	21361114
NCBI GeneID	8402
NCBI Accession #	NP_003553.2
UniProt Primary Accession #	Q02978
UniProt Secondary Accession #	O75537; Q969P7; F5GY65
UniProt Related Accession #	Q02978
GenBank Nucleotide #	NM_003562.4
NCBI Official Full Name	mitochondrial 2-oxoglutarate/malate carrier protein isoform 1
NCBI Official Synonym Full Names	solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11
NCBI Official Symbol	SLC25A11
NCBI Official Synonym Symbols	OGC; SLC20A4
UniProt Protein Name	Mitochondrial 2-oxoglutarate/malate carrier protein
UniProt Synonym Protein Names	Solute carrier family 25 member 11
Protein Family	Mitochondrial 2-oxoglutarate/malate carrier protein
UniProt Gene Name	SLC25A11
UniProt Synonym Gene Names	SLC20A4; OGCP
UniProt Entry Name	M2OM_HUMAN
NCBI Protein Information	mitochondrial 2-oxoglutarate/malate carrier protein
NCBI Summary for SLC25A11	The oxoglutarate/malate carrier transports 2-oxoglutarate across the inner membranes of mitochondria in an electroneutral exchange for malate or other dicarboxylic acids (summary by Iacobazzi et al., 1992 [PubMed 1457818]).[supplied by OMIM, Jan 2011]

UniProt Comments for SLC25A11	SLC25A11: Catalyzes the transport of 2-oxoglutarate across the inner mitochondrial membrane in an electroneutral exchange for malate or other dicarboxylic acids, and plays an important role in several metabolic processes, including the malate-aspartate shuttle, the oxoglutarate/isocitrate shuttle, in gluconeogenesis from lactate, and in nitrogen metabolism. Belongs to the mitochondrial carrier family. Protein type: Membrane protein, multi-pass; Transporter, SLC family; Mitochondrial; Membrane protein, integral; Transporter Chromosomal Location of Human Ortholog: 17p13.3 Cellular Component: mitochondrion; integral to plasma membrane; mitochondrial inner membrane; nucleus Molecular Function: oxoglutarate:malate antiporter activity Biological Process: transport; alpha-ketoglutarate transport; carbohydrate metabolic process; glucose metabolic process; pathogenesis; gluconeogenesis
Research Articles on SLC25A11	**1.** Compares and contrasts all the known human SLC25A* genes and includes functional information.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/slc25a11/9401953