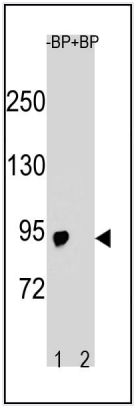
SLCO6A1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SLCO6A1, Polyclonal Antibody
Full Product Name	SLCO6A1 Antibody (C-term)
Product Gene Name	anti-SLCO6A1 antibody
Product Synonym Names	Solute carrier organic anion transporter family member 6A1; Cancer/testis antigen 48; CT48; Gonad-specific transporter; GST; Organic anion-transporting polypeptide 6A1; Organic anion-transporting polypeptide I; OATP-I; Solute carrier family 21 member 19; SLCO6A1; OATP6A1; SLC21A19
Clonality	Polyclonal
Isotype	Rabbit Ig
Host	Rabbit
Species Reactivity	Human
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Concentration	Vial Concentration: 0.33 (lot specific)
Specificity	This SLCO6A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 678-707 amino acids from the C-terminal region of human SLCO6A1.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	SLCO6A1 peptide (MBS9228959) is used for blocking the activity of SLCO6A1 antibody (MBS9208666)
Molecular Weight	79232
Immunogen Sequence Positions	678-707
OMIM	613365
3D Structure	ModBase 3D Structure for Q86UG4
Antigen Type	Synthetic Peptide
Product Categories/Family for anti-SLCO6A1 antibody	Signal Transduction
Applications Tested/Suitable for anti-SLCO6A1 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-SLCO6A1 antibody	WB~~1:1000
Related Product Information for anti-SLCO6A1 antibody	The function of SLCO6A1 (solute carrier organic anion transporter family, member 6A1) is currently unknown.
Other Notes	Small volumes of anti-SLCO6A1 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 SLCO6A1 purchase	MBS9208666 is an antibody targeting SLCO6A1. Also known as SLCO6A1 Antibody (C-term). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-SLCO6A1 antibody
Western blot analysis of SLCO6A1 Antibody (C-term) Pab pre-incubated without(lane 1) and with(lane 2) blocking peptide in A2058 cell line lysate. SLCO6A1 Antibody (C-term) (arrow) was detected using the purified Pab.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SLCO6A1. It may not necessarily be applicable to this product.

NCBI GI #	93277099
NCBI GeneID	133482
NCBI Accession #	NP_775759.3
UniProt Primary Accession #	Q86UG4
UniProt Secondary Accession #	Q6ZMY5; Q86UV2; Q8IYU5; A6NHC1
UniProt Related Accession #	Q86UG4
GenBank Nucleotide #	NM_173488.4
NCBI Official Full Name	solute carrier organic anion transporter family member 6A1 isoform 1
NCBI Official Synonym Full Names	solute carrier organic anion transporter family, member 6A1
NCBI Official Symbol	SLCO6A1
NCBI Official Synonym Symbols	GST; CT48; OATPY; OATP-I; OATP6A1
UniProt Protein Name	Solute carrier organic anion transporter family member 6A1
UniProt Synonym Protein Names	Cancer/testis antigen 48; CT48; Gonad-specific transporter; GST; Organic anion-transporting polypeptide 6A1; Organic anion-transporting polypeptide I; OATP-I; Solute carrier family 21 member 19
Protein Family	Solute carrier organic anion transporter family
UniProt Gene Name	SLCO6A1
UniProt Synonym Gene Names	OATP6A1; SLC21A19; CT48; GST; OATP-I
UniProt Entry Name	SO6A1_HUMAN
NCBI Protein Information	solute carrier organic anion transporter family member 6A1

UniProt Comments for SLCO6A1	SLCO6A1: a multi-pass membrane protein strongly expressed in testis and weakly in spleen, brain, fetal brain and placenta. A member of the Cancer-Testis Antigen (CTA) superfamily. CTAs may play roles in embryonal development and tumor transformation or aspects of tumor progression. CTAs were once thought to be silenced in most normal adult tissues, with limited expression in fetal, placental, testis, and ovarian cells. These proteins are now known to be aberrantly expressed in various cancers and many are capable of eliciting humoral and cellular immune responses. Expressed in bladder, esophageal, brain and lung cancers. Spontaneous humoral immune responses have been detected in cancer patients. Belongs to the organo anion transporter (TC 2.A.60) family. Contains 1 Kazal-like domain. Note: This description may include information from RefSeq and UniProtKB Protein type: Membrane protein, integral; Transporter; Cancer Testis Antigen (CTA); Transporter, SLC family; Membrane protein, multi-pass Chromosomal Location of Human Ortholog: 5q21.1 Cellular Component: plasma membrane; integral to membrane Molecular Function: transporter activity Biological Process: transport
Research Articles on SLCO6A1	**1.** High OATP6A1 expression is associated with small cell lung cancer.
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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