SLCO6A1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SLCO6A1, Polyclonal Antibody
Full Product Name	SLCO6A1 Polyclonal Antibody
Product Gene Name	anti-SLCO6A1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	51kDa; 72kDa; 79kDa
OMIM	613365
3D Structure	ModBase 3D Structure for Q86UG4
Immunogen	Recombinant protein of human SLCO6A1 (NP_775759.3).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SLCO6A1 antibody	Western Blot (WB)
Application Notes for anti-SLCO6A1 antibody	WB: 1:500-1:2000
Related Product Information for anti-SLCO6A1 antibody	MBS8569652 is an antibody targeting SLCO6A1. Also known as SLCO6A1 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
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.

ADDITIONAL DETAILS

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

NCBI GI #	160185610
NCBI GeneID	133482
NCBI Accession #	Q86UG4.2
UniProt Primary Accession #	Q86UG4
UniProt Related Accession #	Q86UG4
NCBI Official Full Name	Solute carrier organic anion transporter family member 6A1
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: Cancer Testis Antigen (CTA); Membrane protein, integral; Transporter; Transporter, SLC family; Membrane protein, multi-pass Chromosomal Location of Human Ortholog: 5q21.1 Cellular Component: integral to membrane; plasma membrane Molecular Function: transporter activity Biological Process: transport
Research Articles on SLCO6A1	**1.** No association of gene SLCO6A1 rs6878284 with schizophrenia; rs7734060 could be a risk locus for major depressive disorder in the Han Chinese population
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