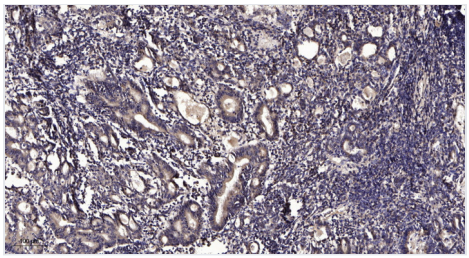
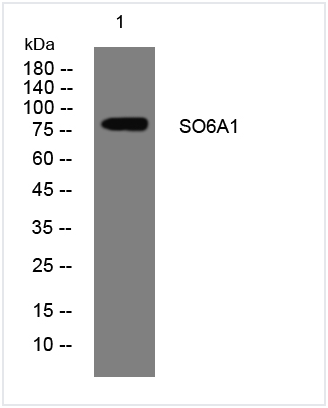
SO6A1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SO6A1, Polyclonal Antibody
Full Product Name	SO6A1 Antibody
Product Gene Name	anti-SO6A1 antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Rat, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	This antibody detects endogenous levels of SO6A1 at Human
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	719
OMIM	613365
3D Structure	ModBase 3D Structure for Q86UG4
Immunogen	Synthesized peptide derived from human SO6A1 AA range: 213-263
Modification	Unmodified/Total
Product Categories/Family for anti-SO6A1 antibody	Primary Antibodies
Applications Tested/Suitable for anti-SO6A1 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-SO6A1 antibody	WB: 1:500-2000 IHC: 1:50-300
Related Product Information for anti-SO6A1 antibody	MBS9520855 is an antibody targeting SO6A1. Also known as SO6A1 Antibody. Reactive in Human, Rat, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-SO6A1 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.



Immunohistochemistry (IHC) of anti-SO6A1 antibody
Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



Western Blot (WB) of anti-SO6A1 antibody
Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4 degree over night

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SO6A1. It may not necessarily be applicable to this product.

NCBI GI #	160185610
NCBI GeneID	133482
NCBI Accession #	Q86UG4.2
UniProt Primary Accession #	Q86UG4
UniProt Secondary Accession #	Q6ZMY5; Q86UV2; Q8IYU5; A6NHC1
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
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; cancer/testis antigen 48; gonad-specific transporter; solute carrier family 21 member 19; organic anion-transporting polypeptide I; testis-specific organic anion transporter; organic anion-transp

UniProt Comments for SO6A1	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 SO6A1	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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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