SGTA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SGTA, Polyclonal Antibody
Full Product Name	Anti-SGTA Antibody Picoband
Product Gene Name	anti-SGTA antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Purity/Purification	Immunogen affinity purified.
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (lot specific)
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.
Molecular Weight	313
OMIM	603419
3D Structure	ModBase 3D Structure for O43765
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human SGTA recombinant protein (Position: M1-Q282).
Product Categories/Family for anti-SGTA antibody	Primary Antibodies, Rabbit Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-SGTA antibody	ELISA (EIA), Flow Cytometry (FC/FACS), Western Blot (WB)
Application Notes for anti-SGTA antibody	WB: 0.1-0.25 ug/ml, Human FC/FACS: 1-3 ug/1x10^6 cells, Human Direct ELISA: 0.1-0.5 ug/ml, Human Tested Species: In-house tested species with positive results. Enhanced Chemiluminescent Kit with anti-Rabbit IgG (#MBS176460) for Western blot.
Related Product Information for anti-SGTA antibody	Small glutamine-rich tetratricopeptide repeat-containing protein alpha is a protein that in humans is encoded by the SGTA gene. This gene encodes a protein which is capable of interacting with the major nonstructural protein of parvovirus H-1 and 70-kDa heat shock cognate protein; however, its function is not known. Since this transcript is expressed ubiquitously in various tissues, this protein may serve a housekeeping function.
Other Notes	Small volumes of anti-SGTA 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 SGTA purchase	MBS1755280 is an antibody targeting SGTA. Also known as Anti-SGTA Antibody Picoband. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	8134666
NCBI GeneID	6449
NCBI Accession #	O43765.1
UniProt Primary Accession #	O43765
UniProt Secondary Accession #	Q6FIA9; Q9BTZ9; D6W610
UniProt Related Accession #	O43765
NCBI Official Full Name	Small glutamine-rich tetratricopeptide repeat-containing protein alpha
NCBI Official Synonym Full Names	small glutamine-rich tetratricopeptide repeat (TPR)-containing, alpha
NCBI Official Symbol	SGTA
NCBI Official Synonym Symbols	SGT; hSGT; alphaSGT
UniProt Protein Name	Small glutamine-rich tetratricopeptide repeat-containing protein alpha
UniProt Synonym Protein Names	Alpha-SGT; Vpu-binding protein; UBP
Protein Family	Small glutamine-rich tetratricopeptide repeat-containing protein
UniProt Gene Name	SGTA
UniProt Synonym Gene Names	SGT; SGT1; UBP
UniProt Entry Name	SGTA_HUMAN
NCBI Protein Information	small glutamine-rich tetratricopeptide repeat-containing protein alpha; UBP; alpha-SGT; vpu-binding protein; protein containing three tetratricopeptide repeats
NCBI Summary for SGTA	This gene encodes a protein which is capable of interacting with the major nonstructural protein of parvovirus H-1 and 70-kDa heat shock cognate protein; however, its function is not known. Since this transcript is expressed ubiquitously in various tissues, this protein may serve a housekeeping function. [provided by RefSeq, Jul 2008]
UniProt Comments for SGTA	SGTA: Co-chaperone that binds directly to HSC70 and HSP70 and regulates their ATPase activity. Homooligomerize. Interacts with NS1 from parvovirus H-1, with Vpu and Gag from HIV-1. Interacts with SARS- CoV accessory protein 7a. Interacts with DNAJC5 and DNAJC5B. Ubiquitous. Belongs to the SGT family. Protein type: Chaperone Chromosomal Location of Human Ortholog: 19p13 Cellular Component: cytoplasm Molecular Function: protein binding Biological Process: viral reproduction
Research Articles on SGTA	**1.** Our data suggest a role for SGTA at distinct steps in the chaperone-dependent modulation of androgen, glucocorticoid, and progesterone receptor activity.
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/sgta/1755280