

SGTA Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a partial recombinant SGTA.

Catalog # AT3860a

Product Information

Application	WB, IF, IP, E
Primary Accession	O43765
Other Accession	NM_003021
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	2E12
Calculated MW	34063

Additional Information

Gene ID	6449
Other Names	Small glutamine-rich tetratricopeptide repeat-containing protein alpha, Alpha-SGT, Vpu-binding protein, UBP, SGTA, SGT, SGT1
Target/Specificity	SGTA (NP_003012.1, 42 a.a. ~ 123 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 IP~~N/A E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	SGTA Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

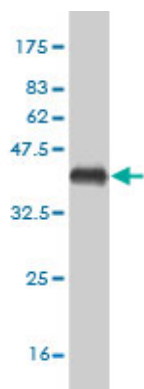
This gene encodes a protein which is capable of interacting with the major nonstructural protein of parvovirus H-1 and 70-kDa heat shock cognate protein; however, its function is not known. Since this transcript is expressed ubiquitously in various tissues, this protein may serve a housekeeping function.

References

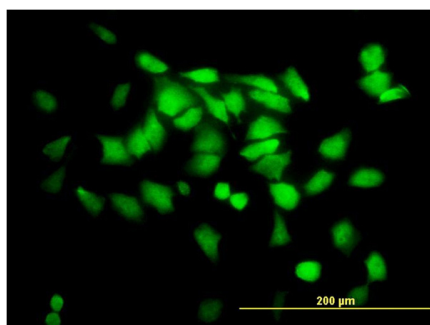
Family-based analysis of candidate genes for polycystic ovary syndrome. Ewens KG, et al. J Clin Endocrinol Metab, 2010 May. PMID 20200332. Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732. Structural and functional characterization of human SGT

and its interaction with Vpu of the human immunodeficiency virus type 1. Dutta S, et al. Biochemistry, 2008 Sep 23. PMID 18759457. Expression, purification and preliminary crystallographic analysis of recombinant human small glutamine-rich tetratricopeptide-repeat protein. Dutta S, et al. Acta Crystallogr Sect F Struct Biol Cryst Commun, 2008 Jul 1. PMID 18607086. Small glutamine-rich tetratricopeptide repeat-containing protein alpha (SGTA), a candidate gene for polycystic ovary syndrome. Goodarzi MO, et al. Hum Reprod, 2008 May. PMID 18332089.

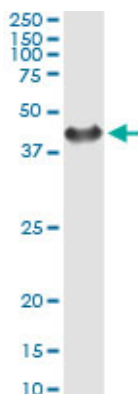
Images



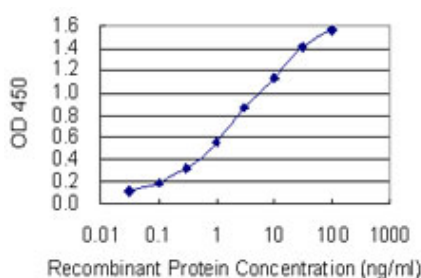
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.76 kDa) .



Immunofluorescence of monoclonal antibody to SGTA on HeLa cell. [antibody concentration 10 ug/ml]



Immunoprecipitation of SGTA transfected lysate using anti-SGTA monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with SGTA MaxPab rabbit polyclonal antibody.



Detection limit for recombinant GST tagged SGTA is 0.03 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.