

TSSC1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16907b

Product Information

Application	WB, E
Primary Accession	Q53HC9
Other Accession	Q5PPK9 , Q8K0G5 , Q4R571 , NP_003301.1
Reactivity	Human
Predicted	Monkey, Mouse, Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35883
Calculated MW	43603
Antigen Region	319-348

Additional Information

Gene ID	7260
Other Names	Protein TSSC1, Tumor-suppressing STF cDNA 1 protein, Tumor-suppressing subchromosomal transferable fragment candidate gene 1 protein, TSSC1
Target/Specificity	This TSSC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 319-348 amino acids from the C-terminal region of human TSSC1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TSSC1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	EIPR1 (HGNC:12383)
Function	Acts as a component of endosomal retrieval machinery that is involved in protein transport from early endosomes to either recycling endosomes or the

trans-Golgi network (PubMed:[27440922](#)). Mediates the recruitment of Golgi-associated retrograde protein (GARP) complex to the trans-Golgi network and controls early endosome-to-Golgi transport of internalized protein (PubMed:[27440922](#)). Promotes the recycling of internalized transferrin receptor (TFRC) to the plasma membrane through interaction with endosome-associated recycling protein (EARP) complex (PubMed:[27440922](#)). Controls proper insulin distribution and secretion, and retention of cargo in mature dense core vesicles (By similarity). Required for the stability of the endosome-associated retrograde protein (EARP) complex subunits and for proper localization and association of EARP with membranes (By similarity).

Cellular Location Golgi apparatus, trans-Golgi network

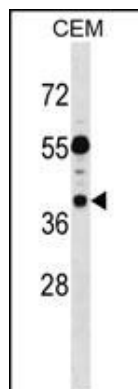
Background

This gene has been reported in PMID 9403053 as one of several tumor-suppressing subtransferable fragments located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. Alignment of this gene to genomic sequence data suggests that this gene resides on chromosome 2 rather than chromosome 11. [provided by RefSeq].

References

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :
Hillier, L.W., et al. Nature 434(7034):724-731(2005)
Scelfo, R., et al. Cytogenet. Cell Genet. 83 (1-2), 52-53 (1998) :
Hu, R.J., et al. Genomics 46(1):9-17(1997)

Images



TSSC1 Antibody (C-term) (Cat. #AP16907b) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the TSSC1 antibody detected the TSSC1 protein (arrow).

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