



Rabbit Anti-TSSC3 antibody

SL6884R

Product Name:	TSSC3
Chinese Name:	Tumour抑制转移候选基因3抗体
Alias:	Beckwith Wiedemann syndrome chromosome region 1 candidate protein C; Beckwith-Wiedemann syndrome chromosomal region 1 candidate gene C protein; BRW 1C; BRW1C; BWR 1C; BWR1C; HLDA 2; HLDA2; Imprinted in placenta and liver; Imprinted in placenta and liver protein; IPL; p17 Beckwith Wiedemann region 1C; p17 BWR1C; p17-Beckwith-Wiedemann region 1 C; p17-BWR1C; PHLA2_HUMAN; PHLDA 2; PHLDA2; Pleckstrin homology like domain family A member 2; Pleckstrin homology-like domain family A member 2; TSSC 3; Tumor suppressing STF cDNA 3 protein; Tumor suppressing subchromosomal transferable fragment candidate gene 3 protein; Tumor suppressing subchromosomal transferable fragment cDNA 3; Tumor suppressing subtransferable candidate 3; Tumor supressing STF cDNA 3; Tumor-suppressing STF cDNA 3 protein; Tumor-suppressing subchromosomal transferable fragment candidate gene 3 protein.
文献引用 PubMed :	<p>Specific References(3) SL6884R has been referenced in 3 publications.</p> <p>[IF=2.40]Jin, Feng, et al. "The expression of the imprinted gene PHLDA2 in placental tissues of preeclampsia and its effects on the proliferation, migration and invasion of trophoblast cells JEG-3." Clinical and Experimental Pharmacology and Physiology (2015).WB;Human. PubMed:26218012</p> <p>[IF=2.09]Jin, Feng, et al. "Lentivirus-mediated PHLDA2 overexpression inhibits trophoblast proliferation, migration and invasion, and induces apoptosis."International Journal of Molecular Medicine.WB;Human. PubMed:26935516</p> <p>[IF=1.07]Guo, Xueqing, et al. "The expression of imprinted genes IGF2 and PHLDA2</p>

	<p>in mid-pregnancy have predictive values for the development of pre-eclampsia." Int J Clin Exp Med 10.6 (2017): 8934-8941.WB, IHC-P;Human.</p> <p style="text-align: right;">PubMed:0</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,
Applications:	<p>WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair)</p> <p>not yet tested in other applications.</p> <p>optimal dilutions/concentrations should be determined by the end user.</p>
Molecular weight:	17kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TSSC3:31-80/152
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>Plays a role in regulating placenta growth. May act via its PH domain that competes with other PH domain-containing proteins, thereby preventing their binding to membrane lipids.</p> <p>Function: Plays a role in regulating placenta growth. May act via its PH domain that competes with other PH domain-containing proteins, thereby preventing their binding to membrane lipids (By similarity).</p> <p>Subcellular Location: Cytoplasm. Membrane.</p> <p>Tissue Specificity: Expressed in placenta and adult prostate gland. In placenta, it is present in all cells of the villous cytotrophoblast. The protein is absent in cells from hydatidiform moles. Hydatidiform mole is a gestation characterized by abnormal development of both fetus and trophoblast. The majority of hydatidiform moles are associated with an excess of paternal to maternal genomes and are likely to result from the abnormal expression of imprinted genes (at protein level). Expressed at low levels in adult liver and lung, and fetal liver. Expressed in adult brain and neuroblastoma, medullablastoma and glioblastoma cell lines.</p>

Similarity:

Belongs to the PHLDA2 family. [SIMILARITY] Contains 1 PH domain.

SWISS:

Q53GA4

Gene ID:

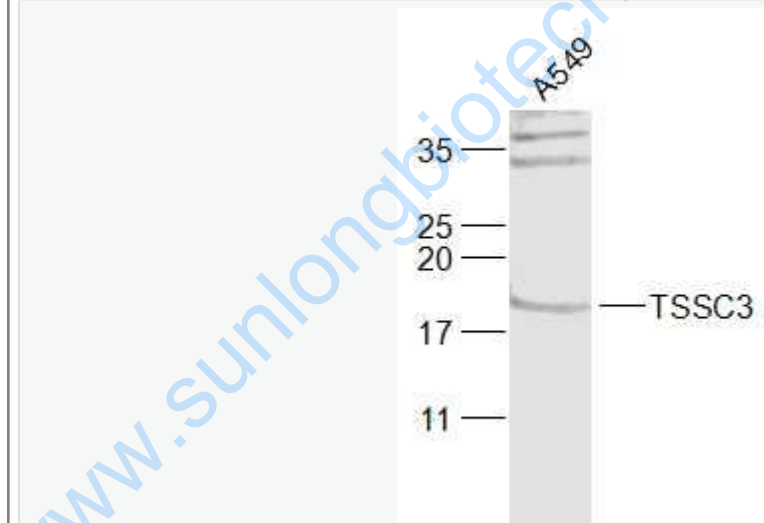
7262

Database links:

UniProtKB/Swiss-Prot: Q53GA4.2

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:**Sample:**

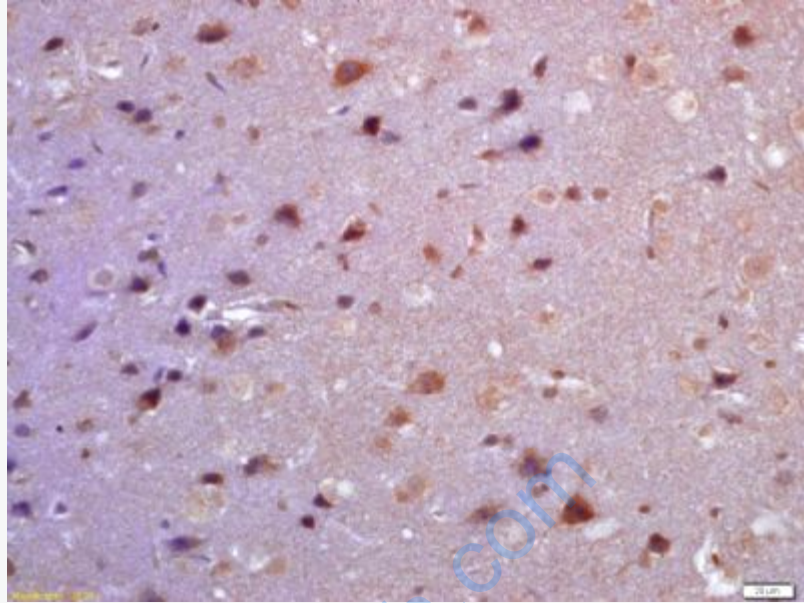
A549(Human) Cell Lysate at 30 ug

Primary: Anti-TSSC3 (SL6884R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 17 kD

Observed band size: 18 kD



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-TSSC3 Polyclonal Antibody, Unconjugated(SL6884R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining