

Anti-TSSC3 antibody



Description	Rabbit polyclonal to TSSC3.
Model	STJ96131
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human TSSC3
Immunogen Region	50-130 aa, Internal
Gene ID	7262
Gene Symbol	PHLDA2
Dilution range	IHC 1:100-1:300ELISA 1:20000
Specificity	TSSC3 Polyclonal Antibody detects endogenous levels of TSSC3 protein.
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).

Protein Name	Pleckstrin homology-like domain family A member 2 Beckwith-Wiedemann syndrome chromosomal region 1 candidate gene C protein Imprinted in placenta and liver protein Tumor-suppressing STF cDNA 3 protein Tumor-suppressing subchromosom
Molecular Weight	17.092 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12385 OMIM:602131
Alternative Names	Pleckstrin homology-like domain family A member 2 Beckwith-Wiedemann syndrome chromosomal region 1 candidate gene C protein Imprinted in placenta and liver protein Tumor-suppressing STF cDNA 3 protein Tumor-suppressing subchromosom
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 .
Sequence and Domain Family	The PH domain binds phosphoinositides with a broad specificity. It may compete with the PH domain of some other proteins, thereby interfering with their binding to phosphatidylinositol 4,5-bisphosphate (PIP2) and phosphatidylinositol 3,4,5-trisphosphate (PIP3) .
Cellular Localization	Cytoplasm Membrane