

Rabbit anti-Human, Mouse TSLC1 Polyclonal Antibody | anti-TSLC1 antibody

TSLC1 Polyclonal Antibody

CATALOG # AAA29134	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, Immunofluorescence
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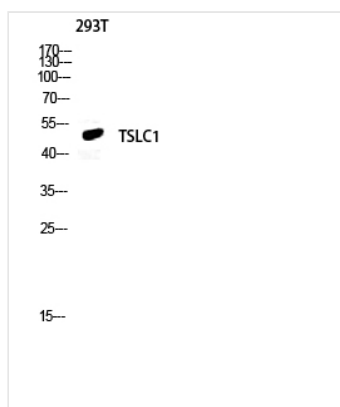
PRODUCT SYNONYMS

TSLC1; Polyclonal Antibody; TSLC1 Polyclonal Antibody; CADM1; IGSF4; IGSF4A; NECL2; SYNCAM; Cell adhesion molecule 1; Immunoglobulin superfamily member 4; IgSF4; Nectin-like protein 2; NECL-2; Spermatogenic immunoglobulin superfamily; SgIgSF; Synaptic cell adhesion molecule; SynCAM; Tumo; anti-TSLC1 antibody

PRODUCT SPECIFICATIONS

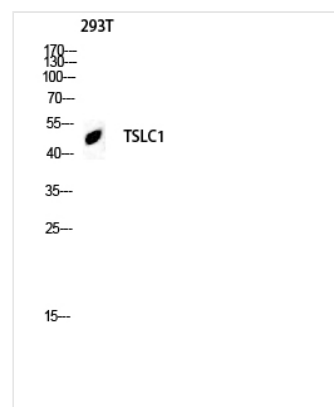
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Applicable Applications for anti-TSLC1 antibody	WB (Western Blot), IF (Immunofluorescence)
Application Notes	WB: 1/500-1/2000 IF: 1/200-1/1000 ELISA: 1/20000
Cellular Location	Cell membrane; Single-pass type I membrane protein. Cell junction, synapse. Note=Localized to the basolateral plasma membrane of epithelial cells in gall bladder
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



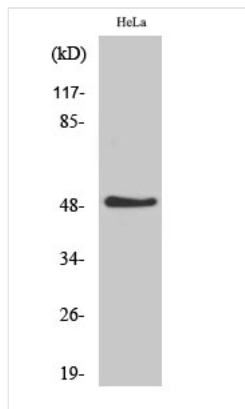
WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.



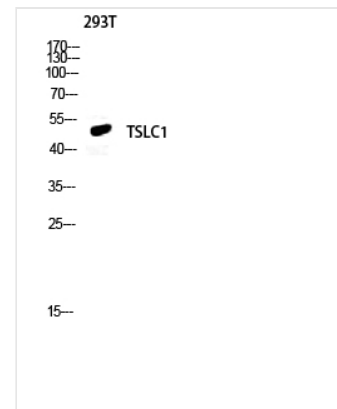
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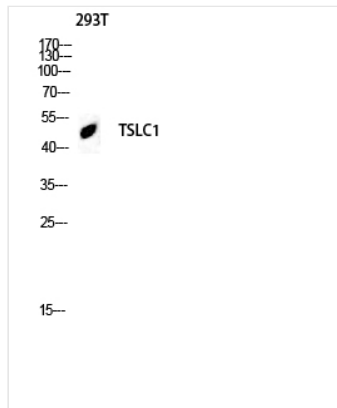
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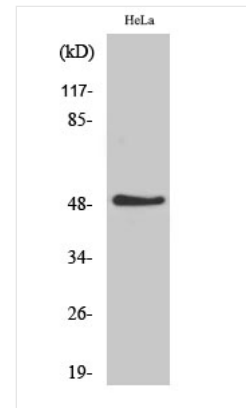
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ADDITIONAL INFORMATION

Related Product Information for anti-TSLC1 antibody

Mediates homophilic cell-cell adhesion in a Ca (2+)- independent manner. Also mediates heterophilic cell-cell adhesion with CADM3 and NECTIN3 in a Ca (2+)-independent manner. Acts as a tumor suppressor in non-small-cell lung cancer (NSCLC) cells. Interaction with CRTAM promotes natural killer (NK) cell cytotoxicity and interferon-gamma (IFN-gamma) secretion by CD8+ cells in vitro as well as NK cell-mediated rejection of tumors expressing CADM3 in vivo. May contribute to the less invasive phenotypes of lepidic growth tumor cells. In mast cells, may mediate attachment to and promote communication with nerves. CADM1, together with MITF, is essential for development and survival of mast cells in vivo. Acts as a synaptic cell adhesion molecule and plays a role in the formation of dendritic spines and in synapse assembly (By similarity). May be involved in neuronal migration, axon growth, pathfinding, and fasciculation on the axons of differentiating neurons. May play diverse roles in the spermatogenesis including in the adhesion of spermatocytes and spermatids to Sertoli cells and for their normal differentiation into mature spermatozoa. Acts as a tumor suppressor in non-small-cell lung cancer (NSCLC) cells (PubMed:11279526, PubMed:12234973). May contribute to the less invasive phenotypes of lepidic growth tumor cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148664211
NCBI GeneID	23705
NCBI Accession #	NP_001091987.1
NCBI GenBank Nucleotide #	NM_001098517.1
UniProt Accession #	Q9BY67; Q86WB8; Q8N2F4

Molecular Weight	48,509 Da
NCBI Official Full Name	cell adhesion molecule 1 isoform 2
NCBI Official Synonym Full Names	cell adhesion molecule 1
NCBI Official Symbol	CADM1
NCBI Official Synonym Symbols	BL2; ST17; IGSF4; NECL2; RA175; TSLC1; IGSF4A; Nectl-2; SYNCAM; sIgSF; sTSLC-1; synCAM1
NCBI Protein Information	cell adhesion molecule 1; TSLC-1; nectin-like 2; nectin-like protein 2; truncated CADM1 protein; TSLC1/Nectin-like 2/IGSF4; synaptic cell adhesion molecule; tumor suppressor in lung cancer 1; immunoglobulin superfamily member 4; immunoglobulin superfamily
UniProt Protein Name	Cell adhesion molecule 1
UniProt Gene Name	CADM1
UniProt Synonym Gene Names	IGSF4; IGSF4A; NECL2; SYNCAM; TSLC1; IgSF4; NECL-2; SgIgSF; SynCAM; TSLC-1
UniProt Entry Name	CADM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tslc1-antibody-western-blot-immunofluorescence-elisa/29134>