



## Rabbit Anti-Tomoregulin-1 antibody

SL6117R

<b>Product Name:</b>	Tomoregulin-1
<b>Chinese Name:</b>	脑Tumour抑癌蛋白1抗体
<b>Alias:</b>	Tomoregulin1; Tomoregulin 1; C9orf2; H 7365; H7365; TEFF 1; TEFF1; TMEFF 1; TMEFF1; TR 1; TR1; Transmembrane protein with EGF like and two follistatin like domains 1; TEFF1_HUMAN.
文献引用 PubMed :	<p><b>Specific References(1)</b> SL6117R has been referenced in 1 publications.</p> <p><b>[IF=5.00]</b>Bao, Dan, et al. "Tomoregulin-1 inhibits cardiac hypertrophy after pressure overload via TAK1-JNK pathways in mice." Disease Models &amp; Mechanisms(2015): dmm-021303.IHC-F;Mouse.</p> <p style="text-align: right;"><a href="#">PubMed:26092120</a></p>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	37kDa
<b>Cellular localization:</b>	The cell membraneSecretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Tomoregulin-1:65-160/380<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>Tomoregulin-1 precursor is a single-pass type I membrane protein thought to be a tumor suppressor in brain cancers. Its expression is down-regulated in these tumors as compared to control brain tissues. In addition, it might also inhibit NODAL and BMP signaling during neural patterning. There are 2 isoforms produced by alternative splicing.</p> <p><b>Function:</b> May inhibit NODAL and BMP signaling during neural patterning (By similarity). May be a tumor suppressor in brain cancers.</p> <p><b>Subunit:</b> May interact with ST14.</p> <p><b>Subcellular Location:</b> Isoform 1: Membrane; Single-pass type I membrane protein. Isoform 2: Membrane; Single-pass type I membrane protein. Isoform 3: Secreted.</p> <p><b>Tissue Specificity:</b> Highly expressed in adult and fetal brain, spinal cord and prostate. Expressed in all brain regions except the pituitary gland, with highest levels in amygdala and corpus callosum. Expressed in the pericyptal myofibroblasts and other stromal cells of normal colonic mucosa. Expressed in prostate carcinoma. Down-regulated in colorectal cancer. Present in Alzheimer disease plaques (at protein level). Isoform 3 is expressed weakly in testis and at high levels in normal and cancerous prostate.</p> <p><b>Similarity:</b> Belongs to the tomoregulin family. Contains 1 EGF-like domain. Contains 2 Kazal-like domains.</p> <p><b>SWISS:</b> Q8IYR6</p> <p><b>Gene ID:</b> 8577</p> <p><b>Database links:</b> <a href="#">Entrez Gene: 100526694</a>Human <a href="#">Entrez Gene: 8577</a>Human</p>

[Entrez Gene: 230157](#)Mouse

[Entrez Gene: 63845](#)Rat

[Omim: 603421](#)Human

[SwissProt: Q8IYR6](#)Human

[SwissProt: Q6PFE7](#)Mouse

[SwissProt: Q9QYV1](#)Rat

[Unigene: 598100](#)Human

[Unigene: 422686](#)Mouse

[Unigene: 162809](#)Rat

**Important Note:**

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