

**bs-6117R****[ Primary Antibody ]**

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**Tomoregulin-1 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human, Mouse, Rat, Pig, Cow, Chicken, Dog, Horse)  <b>Predicted MW.:</b> 37 kDa  <b>Subcellular Location:</b> Secreted ,Cell membrane
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 100526694	<b>SWISS:</b> Q8IYR6	
<b>Target:</b> Tomoregulin-1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Tomoregulin-1: 65-160/380. < Extracellular >		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> 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.		

**— SELECTED CITATIONS —**

- **[IF=5]** Bao, Dan, et al. "Tomoregulin-1 inhibits cardiac hypertrophy after pressure overload via TAK1-JNK pathways in mice." Disease Models & Mechanisms(2015): dmm-021303. IHC ;="Mouse" . 26092120