



Rabbit Anti-ET-1 antibody

SL0954R

Product Name:	ET-1
Chinese Name:	内皮素-1抗体
Alias:	Endothelin-1; Big endothelin 1; EDN 1; EDN1; EDN1 protein; Endothelin1; ET 1; ET1; OTTHUMP00000039245; PPET1; Preproendothelin 1; Preproendothelin1.
文献引用 PubMed :	<p>Specific References(1) SL0954R has been referenced in 1 publications.</p> <p>[IF=1.38]Hu, Zhibin, et al. "Comparative analysis of preservation method and intermittent perfusion volume on the expression of endothelial and inflammatory markers by coronal artery and myocardium in porcine donor hearts." ASAIO journal (American Society for Artificial Internal Organs: 1992) (2014).IHC-P;Pig.</p> <p>PubMed:25232770</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,Guinea Pig,
Applications:	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.
Molecular weight:	2.5kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ET-1(CSCSSLMDKECVYFCHLDIIW Disulfide bridges C1-C15, C3-C11):53-73/202
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>Endothelins (ET) show potent constrictor activity in vascular and non-vascular smooth muscle. This family of 21-amino acid peptides exists in at least three isoforms - ET-1, ET-2, and ET-3, and is produced in endothelial and epithelial cells. ET's can mediate biological effects in cells and tissues, and have been shown to bind to an ET receptor in the lung, kidney, heart, and liver. Endothelin 1 is expressed in lung, placental stem villi vessels and in cultured placental vascular smooth muscle cells.</p> <p>Function: Endothelins are endothelium-derived vasoconstrictor peptides.</p> <p>Subcellular Location: Secreted.</p> <p>Tissue Specificity: Expressed in lung, placental stem villi vessels and in cultured placental vascular smooth muscle cells.</p> <p>Similarity: Belongs to the endothelin/sarafotoxin family.</p> <p>SWISS: P05305</p> <p>Gene ID: 1906</p> <p>Database links: Entrez Gene: 1906Human Entrez Gene: 13614Mouse Entrez Gene: 24323Rat Omim: 131240Human SwissProt: P05305Human SwissProt: P22387Mouse SwissProt: P22388Rat Unigene: 511899Human Unigene: 713645Human</p>

[Unigene: 10918](#)Rat

Important Note:

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

内皮素(Endothelin-1,ET)是一种强的血管收缩剂,分为ET-1,ET-2,ET-3 三种,ET-1主要在endothelial cells中表达,而ET-2和ET-3则主要在神经系统中表达。ET具有广泛的生物学作用,此抗体是针对内皮素的活性片段(CSCSSLMDKECVYFCHLDIIW Disulfide bridges C1-C15, C3-C11)。

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