SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Edn1 Polyclonal Antibody

Catalog Number: SLA0176

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
GeneID:	13614
SWISS:	P22387
Target:	Edn1
Immunogen:	Recombinant mouse Endothelin-1 protein
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	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.
Applications:	WB (1:500-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse
Predicted MW.:	22 kDa
Subcellular Location:	Secreted
Background:	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. Molecular weight: 2491.9 Molecular formula: C109H159N25O32S5 CAS: 117399-94-7 MDL: MFCD00133305 Reconstitution: 1mM (1mg/0.4013mL)

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

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[VALIDATION IMAGES]

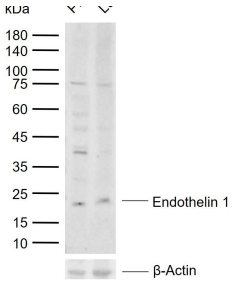


Figure 1. Sample:
Lane 1: Mouse Placenta tissue lysates
Lane 2: Mouse Lung tissue lysates
Primary: Anti-Endothelin 1 (SLA0176) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 22 kDa
Observed band size: 23 kDa
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