bs-0188R

[Primary Antibody]

Bioss ANTIBODIES

PPET1 Rabbit pAb

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- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 1906 **SWISS:** P05305

Target: PPET1

Immunogen: KLH conjugated synthetic peptide derived from human Big

endothelin-1: 16-110/212.

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.

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)

Applications: WB (1:500-2000)

IHC-P (1:100-500) **IHC-F** (1:100-500) **IF** (1:100-500)

Reactivity: Mouse, Rat

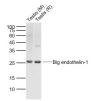
(predicted: Human)

Predicted,

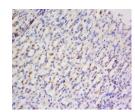
MW.: ^{22 kDa}

Subcellular Secreted

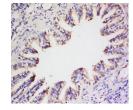
VALIDATION IMAGES -



Sample: Lane 1: Testis (Mouse) Lysate at 40 ug Lane 2: Testis (Rat) Lysate at 40 ug Primary: Anti-Big endothelin-1 (bs-0188R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 24 kD Observed band size: 26 kD



Tissue/cell: Rat stomach tissue; 4%
Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti- Big endothelin-1 Polyclonal Antibody, Unconjugated(bs-0118R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: Rat lung tissue; 4%
Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Big endothelin-1 Polyclonal Antibody, Unconjugated(bs-0118R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

- SELECTED CITATIONS -

• [IF=3.164] Riggs JL et al. Intermittent Hypoxia Exacerbates Increased Blood Pressure in Rats with Chronic Kidney Disease JL Riggs, CE Pace, HH Ward, LV Gonzalez Bosc··· - American Journal of ···, 2018Am J Physiol Renal Physiol. 2018 Oct 1;315(4):F927-F941. IHC; Rat. 29897288