

Endothelin-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250633

Unit: 0.1 mg

Description:

Endothelins are endothelium-derived vasoconstrictor peptides. Endothelin-1 (ET-1) is expressed in lung, placental stem villi vessels and in cultured placental vascular smooth muscle cells. Endothelin-1 is expressed as a 212-aa precursor (preproendothelin-1) that is sequentially cleaved into 2 chains: Endothelin-1 (21 aa) and Big Endothelin-1 (38 aa). This antibody recognizes an epitope in the N-term prodomain of Endothelin-1.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, H, M, Other, P, R

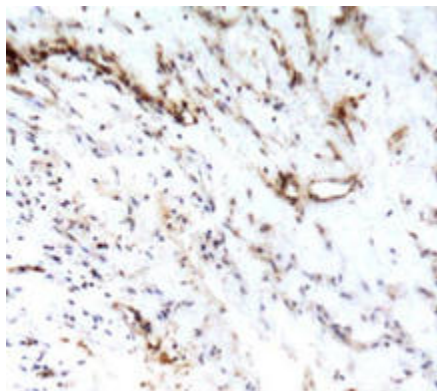
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: Endothelin-1; preproendothelin-1; PPET1; ET-1; EDN1

Accession No.: P05305

Antigen: KLH-conjugated synthetic peptide corresponding to human proendothelin-1.

Application Notes: Product Cat. No. 250633 recognizes an epitope in the N-term prodomain of Endothelin-1. E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



Endothelin-1 staining in mouse vascular endothelium. Paraffin-embedded mouse vascular endothelium is stained with Endothelin-1 Antibody (Cat. No. 250633) used at 1:100 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: [1] Kim J et al. 2013. PLoS ONE. 8(9):e74458. PMID# 24040253. [2] Fradet A et al. 2013. PLoS ONE.8(9):e75092. PMID# 24069383. [3] DeNiro M et al. 2013. PLoS ONE. 8(3): :e59021. PMID# 23533599. [4] Jo S et al. 2011. Elsevier. Neuroscience Letters. 510(1):25-30. PMID# 21742016. [5] Ko G-J. et al. 2010. Am. J. Physiol. Renal Physiol. 298(6):F1472-F1483. PMID# 20181666.

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