



EDN1 polyclonal antibody

Catalog: BS6036

Host: Rabbit

Reactivity: Human, Mouse

Background:

The human endothelins represent a gene family comprised of endothelin-1, endothelin-2, and endothelin-3, also known as ET-1, ET-2, and ET-3. Endothelins can affect the central nervous system and neuronal excitability, and they elicit potent vasoconstrictor action. The two receptor subtypes responsible for inducing vasoconstriction and vasodilation, ETA and ETB, have different receptor affinities for ET-1, ET-2, and ET-3. Of the three isopeptides, ET-2 has the most potent vasoconstrictor activity (1). Biologically active ETs are proteolytically generated from a larger precursor, the big-endothelin, by action of the endothelin-converting enzyme (ECE) family. ET-1 is a potent, 21-amino acid vasoconstrictor peptide produced by vascular endothelial cells.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 23 kDa

Swiss-Prot:

P05305

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:2000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

EDN1 polyclonal antibody detects endogenous levels of EDN1 protein.

DATA:

Western blot (WB) analysis of EDN1 pAb at 1:500 dilution

LaneA:HEK293T whole cell lysate(40ug)

LaneB:LOVO whole cell lysate(40ug)

LaneC:H1792 whole cell lysate(40ug)

LaneD:The Testis tissue lysate of Mouse(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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