10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

EDN2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13863B

Specification

EDN2 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	P20800
Other Accession	Q28470, NP_001947.1
Reactivity	**Human**
Predicted	**Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**19960**
Antigen Region	**107-136**

EDN2 Antibody (C-term) - Additional Information

Gene ID 1907

Other Names
Endothelin-2, ET-2, Preproendothelin-2, PPET2, EDN2

Target/Specificity
This EDN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 107-136 amino acids from the C-terminal region of human EDN2.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
EDN2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

EDN2 Antibody (C-term) - Protein Information

Name EDN2

Function Endothelins are endothelium-derived vasoconstrictor peptides.

Cellular Location
Secreted.

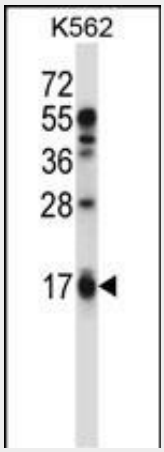
Tissue Location
Expressed in lung, but not in placental stem villi vessels or cultured placental villi smooth muscle cells

EDN2 Antibody (C-term) - Protocols

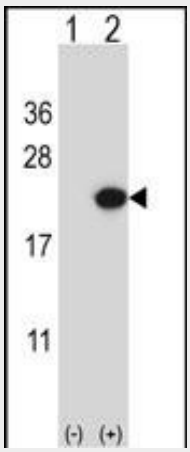
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EDN2 Antibody (C-term) - Images



EDN2 Antibody (C-term) (Cat. #AP13863b) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the EDN2 antibody detected the EDN2 protein (arrow).



10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Western blot analysis of EDN2 (arrow) using rabbit polyclonal EDN2 Antibody (C-term) (Cat. #AP13863b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the EDN2 gene.

EDN2 Antibody (C-term) - Background

This gene encodes a member of the endothelin protein family of secretory vasoconstrictive peptides. The preproprotein is processed to a short mature form which functions as a ligand for the endothelin receptors that initiate intracellular signaling events. This gene product is involved in a wide range of biological processes, such as hypertension and ovulation. [provided by RefSeq].

EDN2 Antibody (C-term) - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Darrah, R., et al. Physiol. Genomics 41(1):71-77(2010)
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Menon, R., et al. Reprod. Biol. Endocrinol. 7, 62 (2009) :
Wiesmann, F., et al. Breast Cancer Res. 11 (3), R34 (2009) :